

Analysis of L7 SSG Log Log Files

Report generated on: Wed Nov 07 22:48:00 AEDT 2018

Notes:

No notes added to report

Trace Files:

The following trace files were used to generate this report:

- ssg_0_0.log

Generated using CA Siteminder Support Tool: SMPolicyTraceAnalysis :

Version : 2.0.0-Beta (Build: 679)

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1. Transaction Report : ProcessRequest

1.1. Summary ProcessRequest

ProcessRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:16:05 AEDT 2018

End Trace Time : Sun Nov 04 14:21:36 AEDT 2018

Trace Time Duration : 5 mins 31 secs 134 ms

Number of transactions : 34

Average Throughput : 0.102677464 (request/sec)

Average Transaction Time: 162.02942ms

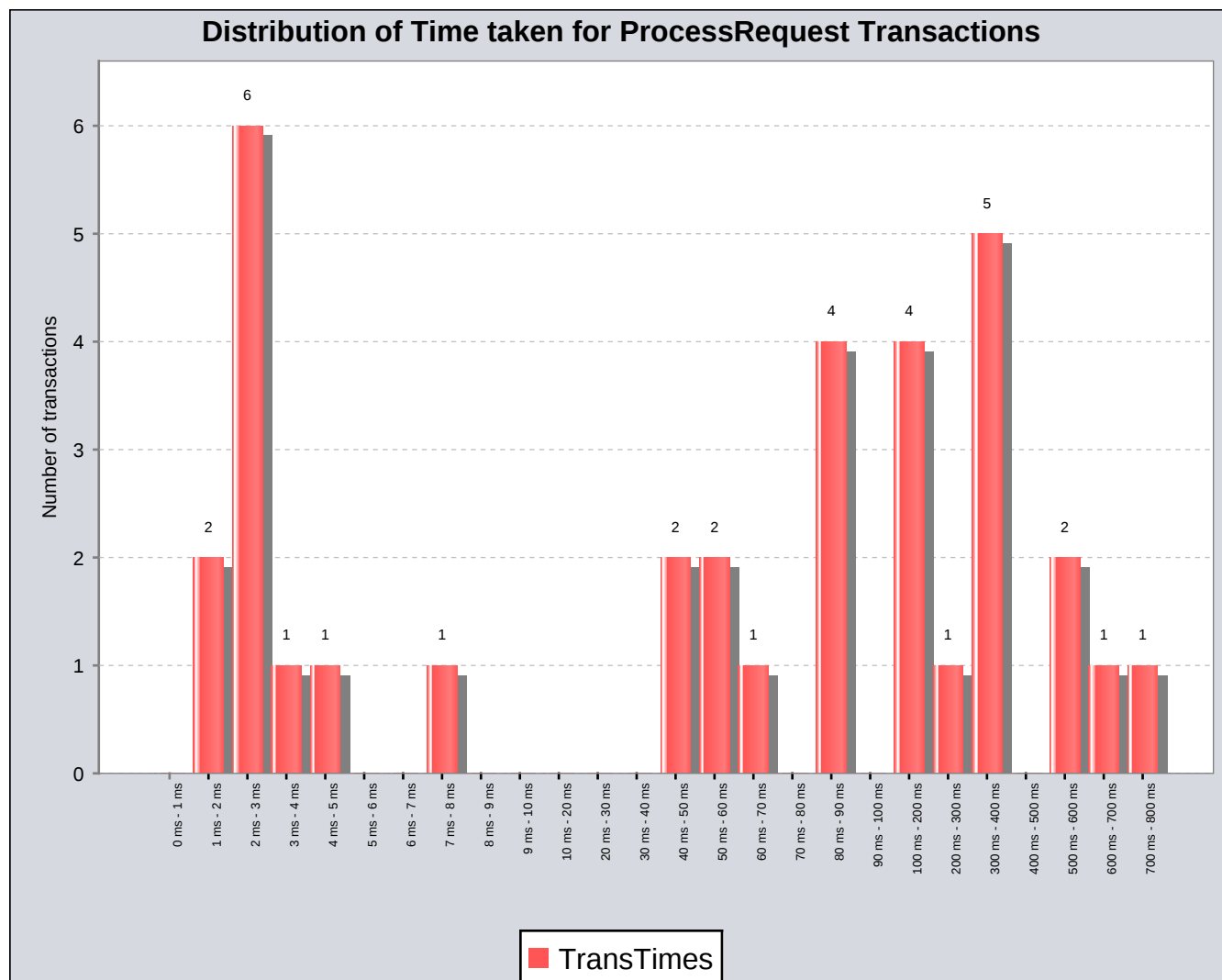
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

1.2. Graph ProcessRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

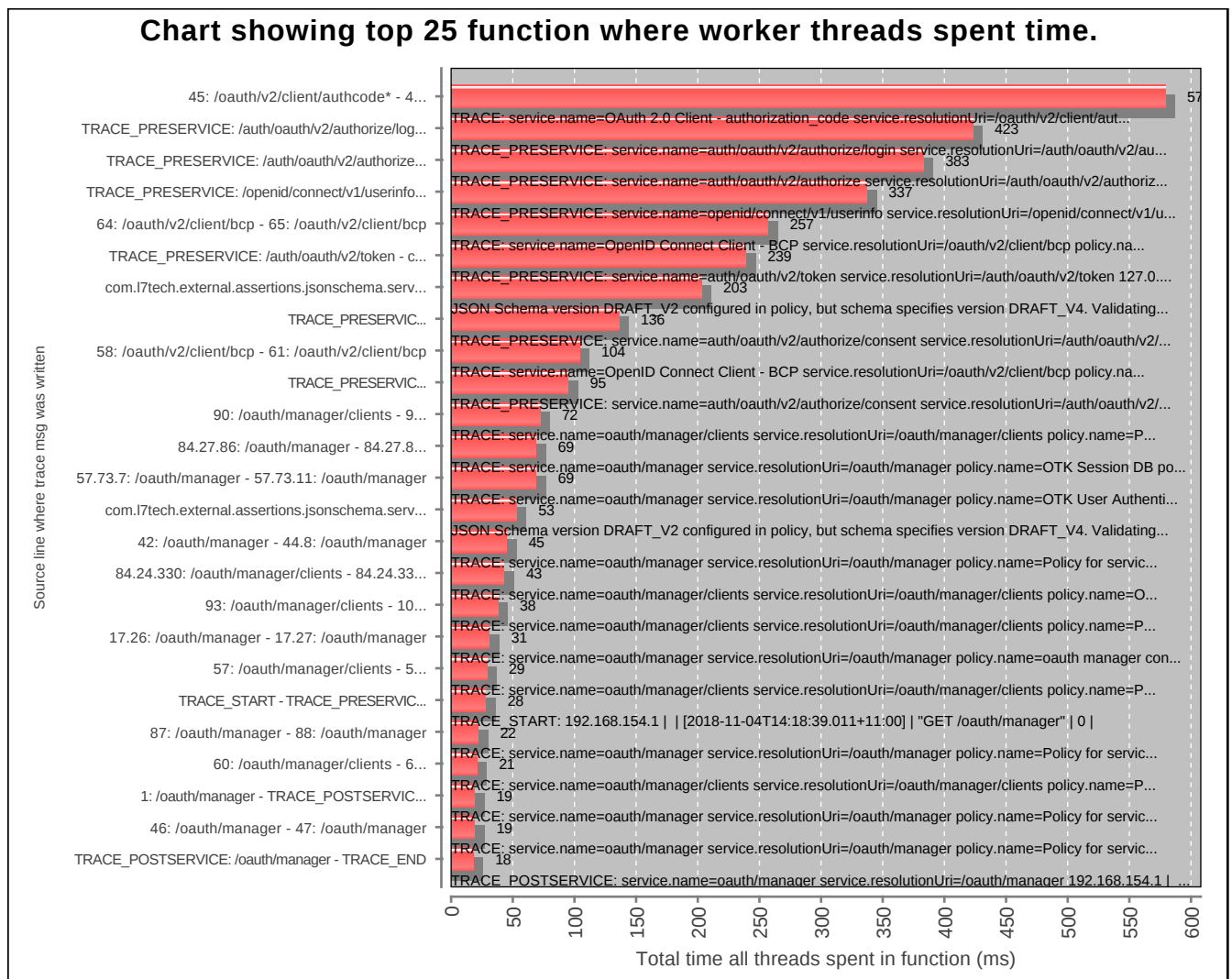
1.3. Table ProcessRequest

Transaction Time Distribution

Transaction Time	Count
1 ms - 2 ms	2
2 ms - 3 ms	6
3 ms - 4 ms	1
4 ms - 5 ms	1
7 ms - 8 ms	1
40 ms - 50 ms	2
50 ms - 60 ms	2
60 ms - 70 ms	1
80 ms - 90 ms	4
100 ms - 200 ms	4
200 ms - 300 ms	1
300 ms - 400 ms	5
500 ms - 600 ms	2
600 ms - 700 ms	1
700 ms - 800 ms	1

1.4. SrcLine Graph ProcessRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

We calculate the delta time between two log entries and assign it to the

1.5. SrcLine Table ProcessRequest

Transition	Total Thread Time (ms)
45: /oauth/v2/client/authcode* - 46: /oauth/v2/client/authcode* <i>Sample Transition :</i> From 45: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=45 assertion.shortname=Set Context Variable assertion.start=1541301610829 assertion.latency=0 status=0 To 46: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=46 assertion.shortname=Route via HTTP(S) assertion.start=1541301610830 assertion.latency=578 status=0 Called 1 Times av time: 579.000 ms (min: 579 ms, max: 579 ms),	579
TRACE_PRESERVICE: /auth/oauth/v2/authorize/login - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/login <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/login - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/login service.resolutionUri=/auth/oauth/v2/authorize/login 192.168.154.1 [2018-11-04T14:19:54.803+11:00] "GET /auth/oauth/v2/authorize/login" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/login - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/login service.resolutionUri=/auth/oauth/v2/authorize/login 192.168.154.1 [2018-11-04T14:19:54.803+11:00] "GET /auth/oauth/v2/authorize/login" 200 450907 Called 4 Times av time: 105.750 ms (min: 37 ms, max: 169 ms),	423
TRACE_PRESERVICE: /auth/oauth/v2/authorize - TRACE_POSTSERVICE: /auth/oauth/v2/authorize <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize service.resolutionUri=/auth/oauth/v2/authorize 192.168.154.1 [2018-11-04T14:19:54.487+11:00] "GET /auth/oauth/v2/authorize" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize service.resolutionUri=/auth/oauth/v2/authorize 192.168.154.1 [2018-11-04T14:19:54.487+11:00] "GET /auth/oauth/v2/authorize" 302 0 Called 2 Times av time: 191.500 ms (min: 80 ms, max: 303 ms),	383
TRACE_PRESERVICE: /openid/connect/v1/userinfo - TRACE_POSTSERVICE: /openid/connect/v1/userinfo <i>Sample Transition :</i> From TRACE_PRESERVICE: /openid/connect/v1/userinfo - TRACE_PRESERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 0 To TRACE_POSTSERVICE: /openid/connect/v1/userinfo - TRACE_POSTSERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 200 303 Called 1 Times av time: 337.000 ms (min: 337 ms, max: 337 ms),	337
64: /oauth/v2/client/bcp - 65: /oauth/v2/client/bcp <i>Sample Transition :</i> From 64: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=64 assertion.shortname=Set Context Variable assertion.start=1541301674546 assertion.latency=0 status=0 To 65: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=65 assertion.shortname=Route via HTTP(S) assertion.start=1541301674546 assertion.latency=255 status=0 Called 1 Times av time: 257.000 ms (min: 257 ms, max: 257 ms),	257
TRACE_PRESERVICE: /auth/oauth/v2/token - com.I7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/token - TRACE_PRESERVICE: service.name=auth/oauth/v2/token service.resolutionUri=/auth/oauth/v2/token 127.0.0.1 [2018-11-04T14:20:11.115+11:00] "POST /auth/oauth/v2/token" 0 To com.I7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 Called 2 Times av time: 119.500 ms (min: 38 ms, max: 201 ms),	239

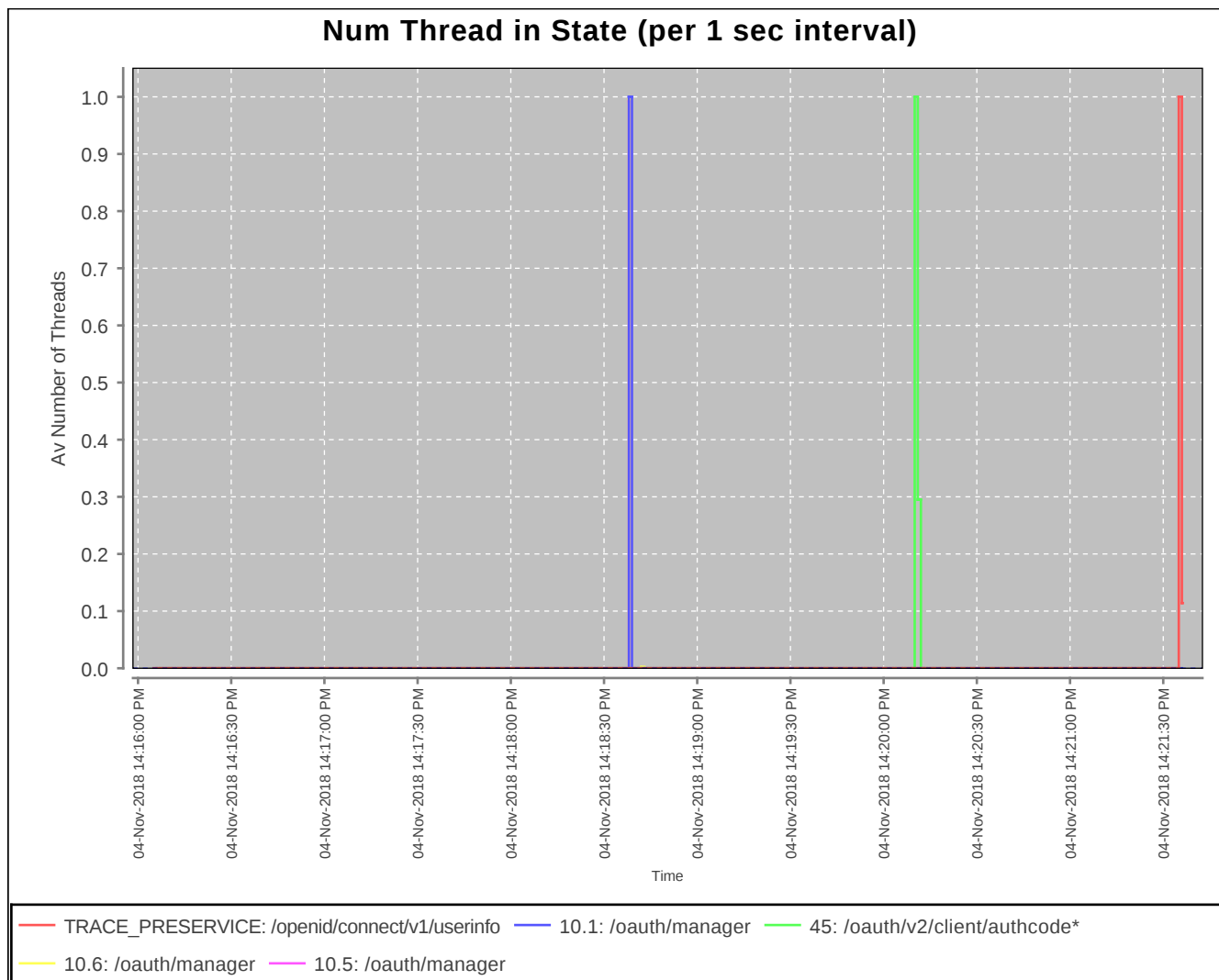
Transition	Total Thread Time (ms)
com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - TRACE_POSTSERVICE: /auth/oauth/v2/token <i>Sample Transition :</i> From com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 To TRACE_POSTSERVICE: /auth/oauth/v2/token - TRACE_POSTSERVICE: service.name=auth/oauth/v2/token service.resolutionUri=/auth/oauth/v2/token 127.0.0.1 [2018-11-04T14:20:11.115+11:00] "POST /auth/oauth/v2/token" 200 186 Called 2 Times av time: 101.500 ms (min: 74 ms, max: 129 ms),	203
TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:20:10.650+11:00] "POST /auth/oauth/v2/authorize/consent" 0 To com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 Called 2 Times av time: 68.000 ms (min: 57 ms, max: 79 ms),	136
58: /oauth/v2/client/bcp - 61: /oauth/v2/client/bcp <i>Sample Transition :</i> From 58: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=58 assertion.shortname=Compare Expression assertion.start=1541301674439 assertion.latency=1 status=0 To 61: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=61 assertion.shortname=Protect Against Message Replay assertion.start=1541301674441 assertion.latency=103 status=0 Called 1 Times av time: 104.000 ms (min: 104 ms, max: 104 ms),	104
TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:19:57.862+11:00] "POST /auth/oauth/v2/authorize/consent" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:19:57.862+11:00] "POST /auth/oauth/v2/authorize/consent" 200 451552 Called 2 Times av time: 47.500 ms (min: 42 ms, max: 53 ms),	95
90: /oauth/manager/clients - 91: /oauth/manager/clients <i>Sample Transition :</i> From 90: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=90 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529712 assertion.latency=1 status=0 To 91: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=91 assertion.shortname=Apply XSL Transformation assertion.start=1541301529713 assertion.latency=72 status=0 Called 1 Times av time: 72.000 ms (min: 72 ms, max: 72 ms),	72
84.27.86: /oauth/manager - 84.27.87: /oauth/manager <i>Sample Transition :</i> From 84.27.86: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=84.27.86 assertion.shortname=OTK Cache Remove assertion.start=1541301519484 assertion.latency=53 status=0 To 84.27.87: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=84.27.87 assertion.shortname=Perform JDBC Query assertion.start=1541301519537 assertion.latency=67 status=0 Called 1 Times av time: 69.000 ms (min: 69 ms, max: 69 ms),	69

Transition	Total Thread Time (ms)
57.73.7: /oauth/manager - 57.73.11: /oauth/manager <i>Sample Transition :</i> From 57.73.7: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK User Authentication Extension policy.guid=e2038842-60b3-4fa4-a95a-9039d622cd7e assertion.numberStr=57.73.7 assertion.shortname=Require XPath Credentials assertion.start=1541301522262 assertion.latency=3 status=0 To 57.73.11: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK User Authentication Extension policy.guid=e2038842-60b3-4fa4-a95a-9039d622cd7e assertion.numberStr=57.73.11 assertion.shortname=Authenticate Against Identity Provider assertion.start=1541301522267 assertion.latency=66 status=0 Called 1 Times av time: 69.000 ms (min: 69 ms, max: 69 ms),	69
com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent <i>Sample Transition :</i> From com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:20:10.650+11:00] "POST /auth/oauth/v2/authorize/consent" 302 0 Called 2 Times av time: 26.500 ms (min: 26 ms, max: 27 ms),	53
42: /oauth/manager - 44.8: /oauth/manager <i>Sample Transition :</i> From 42: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=42 assertion.shortname=Compare Expression assertion.start=1541301519288 assertion.latency=1 status=600 To 44.8: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.8 assertion.shortname=Require HTTP Cookie assertion.start=1541301519291 assertion.latency=42 status=0 Called 2 Times (with 1 taking 0 ms) av time: 22.750 ms (min: 0 ms, max: 45 ms),	45
84.24.330: /oauth/manager/clients - 84.24.331: /oauth/manager/clients <i>Sample Transition :</i> From 84.24.330: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.330 assertion.shortname=Set Context Variable assertion.start=1541301529640 assertion.latency=0 status=0 To 84.24.331: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.331 assertion.shortname=Apply XSL Transformation assertion.start=1541301529640 assertion.latency=43 status=0 Called 1 Times av time: 43.000 ms (min: 43 ms, max: 43 ms),	43
93: /oauth/manager/clients - 102: /oauth/manager/clients <i>Sample Transition :</i> From 93: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=93 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529786 assertion.latency=7 status=0 To 102: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=102 assertion.shortname=Return Template Response to Requestor assertion.start=1541301529798 assertion.latency=37 status=0 Called 1 Times av time: 38.000 ms (min: 38 ms, max: 38 ms),	38
17.26: /oauth/manager - 17.27: /oauth/manager <i>Sample Transition :</i> From 17.26: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=17.26 assertion.shortname=Set Context Variable assertion.start=1541301519187 assertion.latency=0 status=0 To 17.27: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=17.27 assertion.shortname=Compare Expression assertion.start=1541301519199 assertion.latency=15 status=600 Called 3 Times av time: 10.333 ms (min: 1 ms, max: 25 ms),	31

Transition	Total Thread Time (ms)
57: /oauth/manager/clients - 59: /oauth/manager/clients <i>Sample Transition :</i> From 57: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=57 assertion.shortname=Compare Expression assertion.start=1541301529549 assertion.latency=0 status=600 To 59: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=59 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529550 assertion.latency=17 status=0 Called 2 Times av time: 14.500 ms (min: 11 ms, max: 18 ms),	29
TRACE_START - TRACE_PRESERVICE: /oauth/manager <i>Sample Transition :</i> From TRACE_START - TRACE_START: 192.168.154.1 [2018-11-04T14:18:39.011+11:00] "GET /oauth/manager" 0 To TRACE_PRESERVICE: /oauth/manager - TRACE_PRESERVICE: service.name=oauth/manager service.resolutionUri=/oauth/manager 192.168.154.1 [2018-11-04T14:18:39.011+11:00] "GET /oauth/manager" 0 Called 3 Times av time: 9.333 ms (min: 1 ms, max: 22 ms),	28
87: /oauth/manager - 88: /oauth/manager <i>Sample Transition :</i> From 87: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=87 assertion.shortname=Compare Expression assertion.start=1541301519619 assertion.latency=0 status=0 To 88: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=88 assertion.shortname=Return Template Response to Requestor assertion.start=1541301519620 assertion.latency=17 status=0 Called 1 Times av time: 22.000 ms (min: 22 ms, max: 22 ms),	22
60: /oauth/manager/clients - 61: /oauth/manager/clients <i>Sample Transition :</i> From 60: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=60 assertion.shortname=Set Context Variable assertion.start=1541301529568 assertion.latency=0 status=0 To 61: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=61 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529568 assertion.latency=12 status=0 Called 2 Times av time: 10.500 ms (min: 9 ms, max: 12 ms),	21
1: /oauth/manager - TRACE_POSTSERVICE: /oauth/manager <i>Sample Transition :</i> From 1: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301519089 assertion.latency=558 status=0 To TRACE_POSTSERVICE: /oauth/manager - TRACE_POSTSERVICE: service.name=oauth/manager service.resolutionUri=/oauth/manager 192.168.154.1 [2018-11-04T14:18:39.011+11:00] "GET /oauth/manager" 200 450837 Called 3 Times av time: 6.333 ms (min: 1 ms, max: 10 ms),	19
46: /oauth/manager - 47: /oauth/manager <i>Sample Transition :</i> From 46: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=46 assertion.shortname=Set Context Variable assertion.start=1541301522685 assertion.latency=0 status=0 To 47: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=47 assertion.shortname=Evaluate Regular Expression assertion.start=1541301522685 assertion.latency=19 status=0 Called 1 Times av time: 19.000 ms (min: 19 ms, max: 19 ms),	19

1.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

The value shown is the average number of threads, as that gives the best indication of a problem.

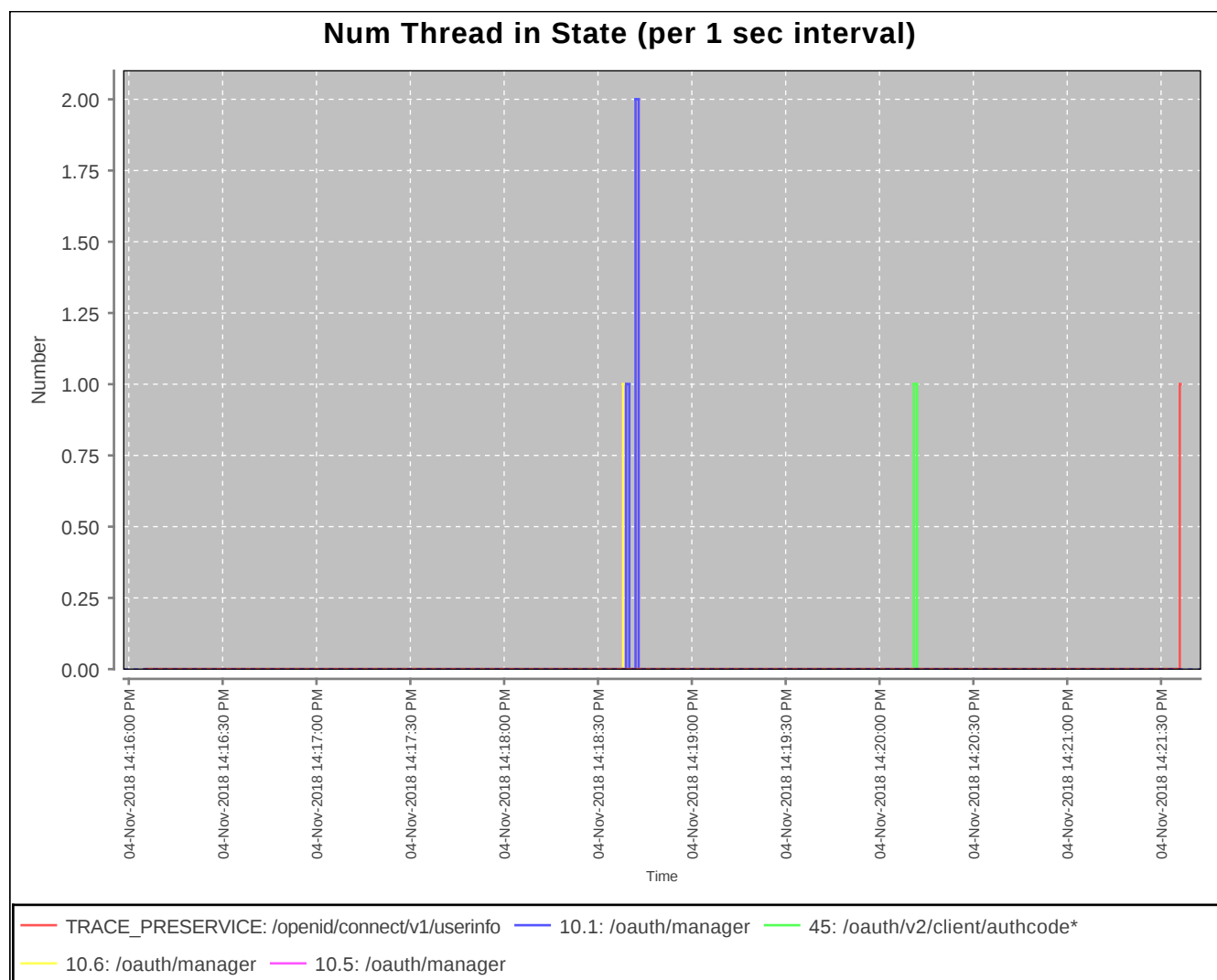
For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

1.7. LockDetect_ProcessRequest Table

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /openid/connect/v1/userinfo Sample Msg: TRACE_PRESERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 0 Called 1 Times av time: 337.000 ms (min: 337 ms, max: 337 ms),	337
10.1: /oauth/manager Sample Msg: TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301519093 assertion.latency=13 status=0 Called 3 Times (with 2 taking 0 ms) av time: 1.667 ms (min: 0 ms, max: 4 ms),	4
45: /oauth/v2/client/authcode* Sample Msg: TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=45 assertion.shortname=Set Context Variable assertion.start=1541301610829 assertion.latency=0 status=0 Called 1 Times av time: 579.000 ms (min: 579 ms, max: 579 ms),	579
10.6: /oauth/manager Sample Msg: TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.6 assertion.shortname=Manage Transport Properties/Headers assertion.start=1541301519104 assertion.latency=0 status=0 Called 3 Times av time: 1.667 ms (min: 1 ms, max: 3 ms),	5
10.5: /oauth/manager Sample Msg: TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.5 assertion.shortname=Manage Transport Properties/Headers assertion.start=1541301519102 assertion.latency=0 status=0 Called 3 Times (with 1 taking 0 ms) av time: 1.167 ms (min: 0 ms, max: 2 ms),	3

1.8. LockDetect_Throughput

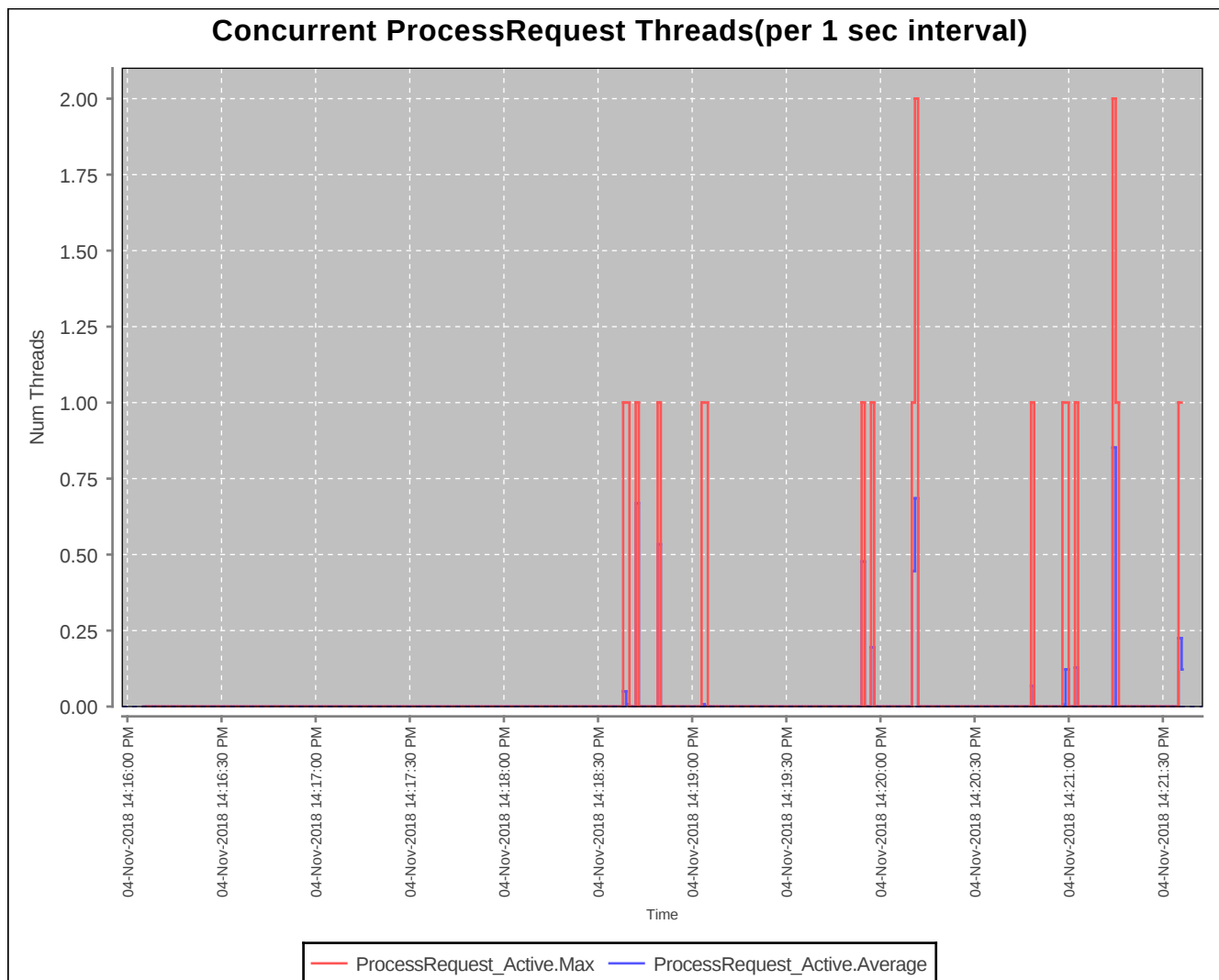
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

1.9. Concurrent_ProcessRequest

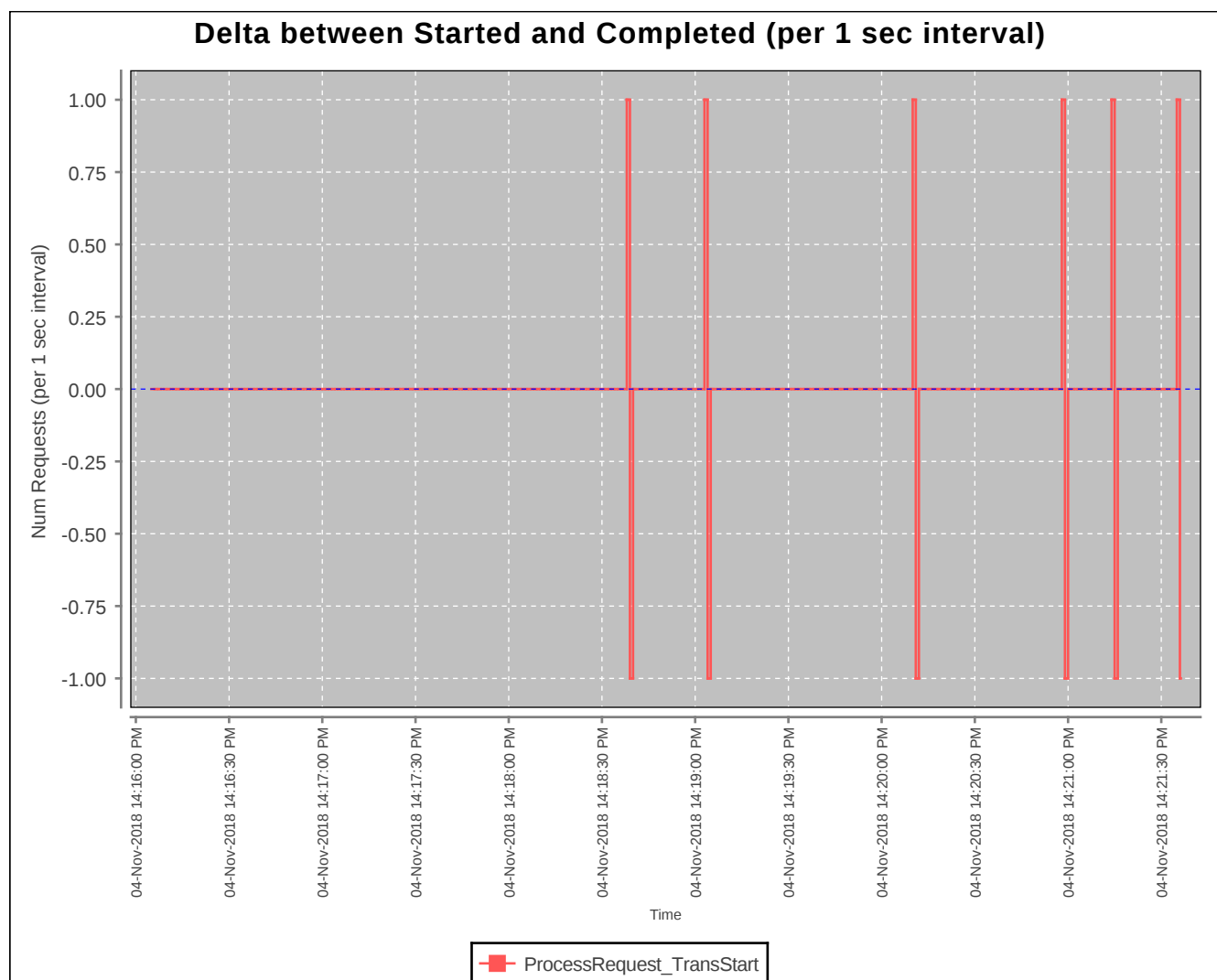
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

1.11. StartAndEndDelta_ProcessRequest

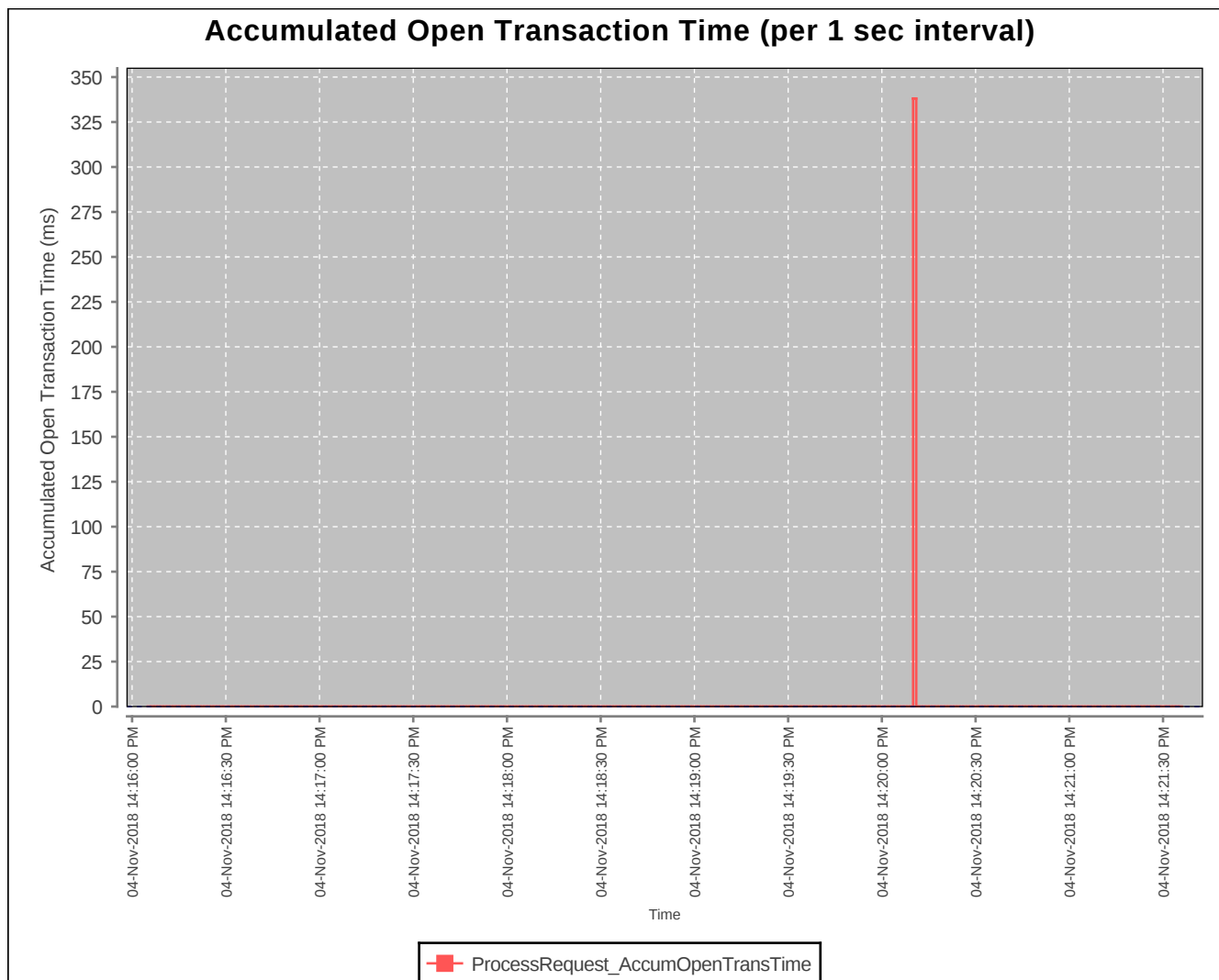
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

1.12. AccumOpenTransTime_ProcessRequest

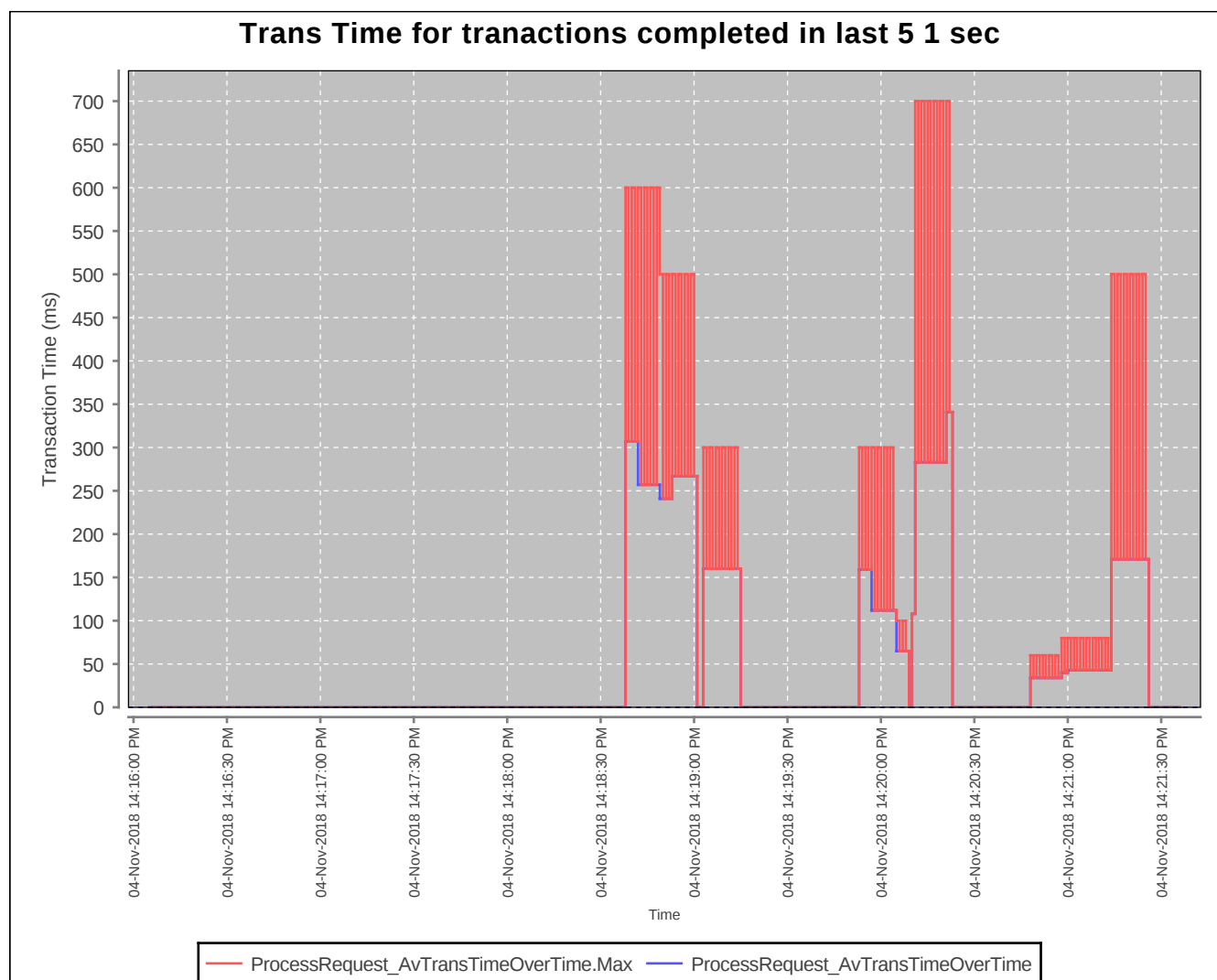
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

1.13. AvTransTimeOverTime_ProcessRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

2. Transaction Report : ServiceRequest

2.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:16:05 AEDT 2018

End Trace Time : Sun Nov 04 14:21:36 AEDT 2018

Trace Time Duration : 5 mins 31 secs 134 ms

Number of transactions : 23

Average Throughput : 0.06945828 (request/sec)

Average Transaction Time: 233.73914ms

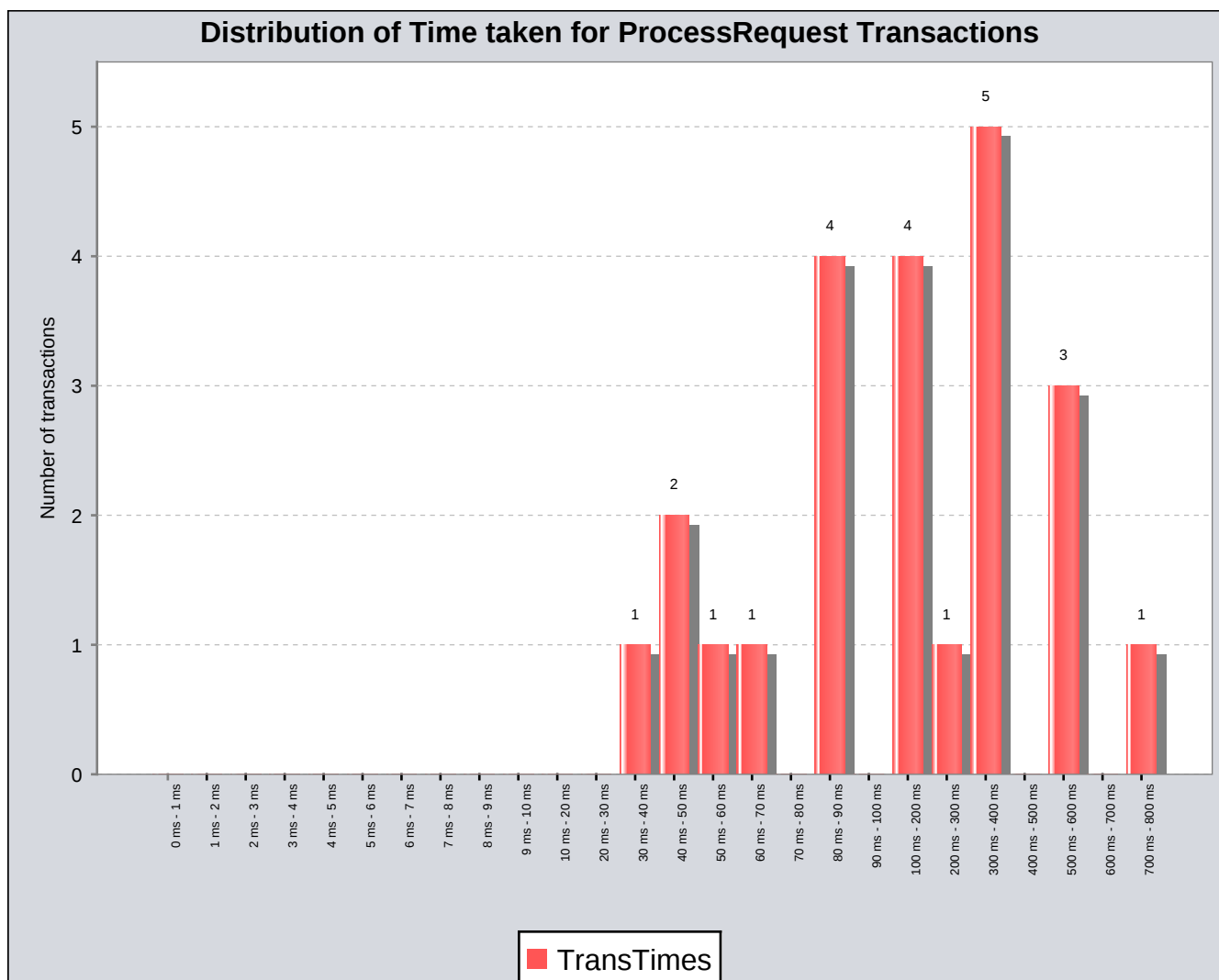
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

2.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

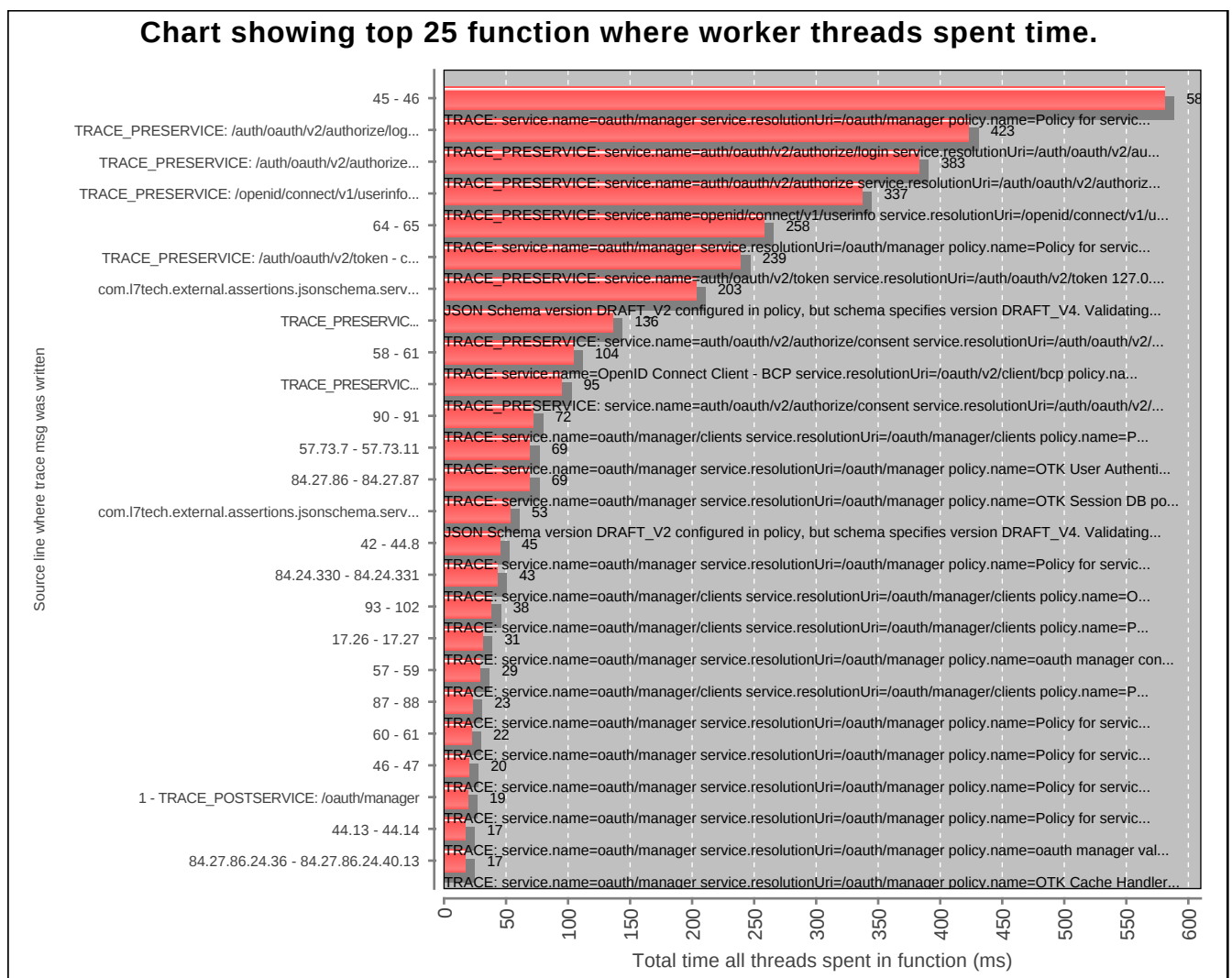
2.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
30 ms - 40 ms	1
40 ms - 50 ms	2
50 ms - 60 ms	1
60 ms - 70 ms	1
80 ms - 90 ms	4
100 ms - 200 ms	4
200 ms - 300 ms	1
300 ms - 400 ms	5
500 ms - 600 ms	3
700 ms - 800 ms	1

2.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

We calculate the delta time between two log entries and assign it to the

2.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
45 - 46 <i>Sample Transition :</i> From 45: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=45 assertion.shortname=Include Policy Fragment assertion.start=1541301522603 assertion.latency=81 status=0 To 46: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=46 assertion.shortname=Set Context Variable assertion.start=1541301522685 assertion.latency=0 status=0 Called 4 Times (with 1 taking 0 ms) av time: 145.375 ms (min: 0 ms, max: 579 ms),	581
TRACE_PRESERVICE: /auth/oauth/v2/authorize/login - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/login <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/login - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/login service.resolutionUri=/auth/oauth/v2/authorize/login 192.168.154.1 [2018-11-04T14:19:54.803+11:00] "GET /auth/oauth/v2/authorize/login" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/login - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/login service.resolutionUri=/auth/oauth/v2/authorize/login 192.168.154.1 [2018-11-04T14:19:54.803+11:00] "GET /auth/oauth/v2/authorize/login" 200 450907 Called 4 Times av time: 105.750 ms (min: 37 ms, max: 169 ms),	423
TRACE_PRESERVICE: /auth/oauth/v2/authorize - TRACE_POSTSERVICE: /auth/oauth/v2/authorize <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize service.resolutionUri=/auth/oauth/v2/authorize 192.168.154.1 [2018-11-04T14:19:54.487+11:00] "GET /auth/oauth/v2/authorize" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize service.resolutionUri=/auth/oauth/v2/authorize 192.168.154.1 [2018-11-04T14:19:54.487+11:00] "GET /auth/oauth/v2/authorize" 302 0 Called 2 Times av time: 191.500 ms (min: 80 ms, max: 303 ms),	383
TRACE_PRESERVICE: /openid/connect/v1/userinfo - TRACE_POSTSERVICE: /openid/connect/v1/userinfo <i>Sample Transition :</i> From TRACE_PRESERVICE: /openid/connect/v1/userinfo - TRACE_PRESERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 0 To TRACE_POSTSERVICE: /openid/connect/v1/userinfo - TRACE_POSTSERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 200 303 Called 1 Times av time: 337.000 ms (min: 337 ms, max: 337 ms),	337
64 - 65 <i>Sample Transition :</i> From 64: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=64 assertion.shortname=Evaluate Regular Expression assertion.start=1541301522470 assertion.latency=0 status=0 To 65: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=65 assertion.shortname=Set Context Variable assertion.start=1541301522471 assertion.latency=0 status=0 Called 4 Times (with 2 taking 0 ms) av time: 64.750 ms (min: 0 ms, max: 257 ms),	258
TRACE_PRESERVICE: /auth/oauth/v2/token - com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/token - TRACE_PRESERVICE: service.name=auth/oauth/v2/token service.resolutionUri=/auth/oauth/v2/token 127.0.0.1 [2018-11-04T14:20:11.115+11:00] "POST /auth/oauth/v2/token" 0 To com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 Called 2 Times av time: 119.500 ms (min: 38 ms, max: 201 ms),	239

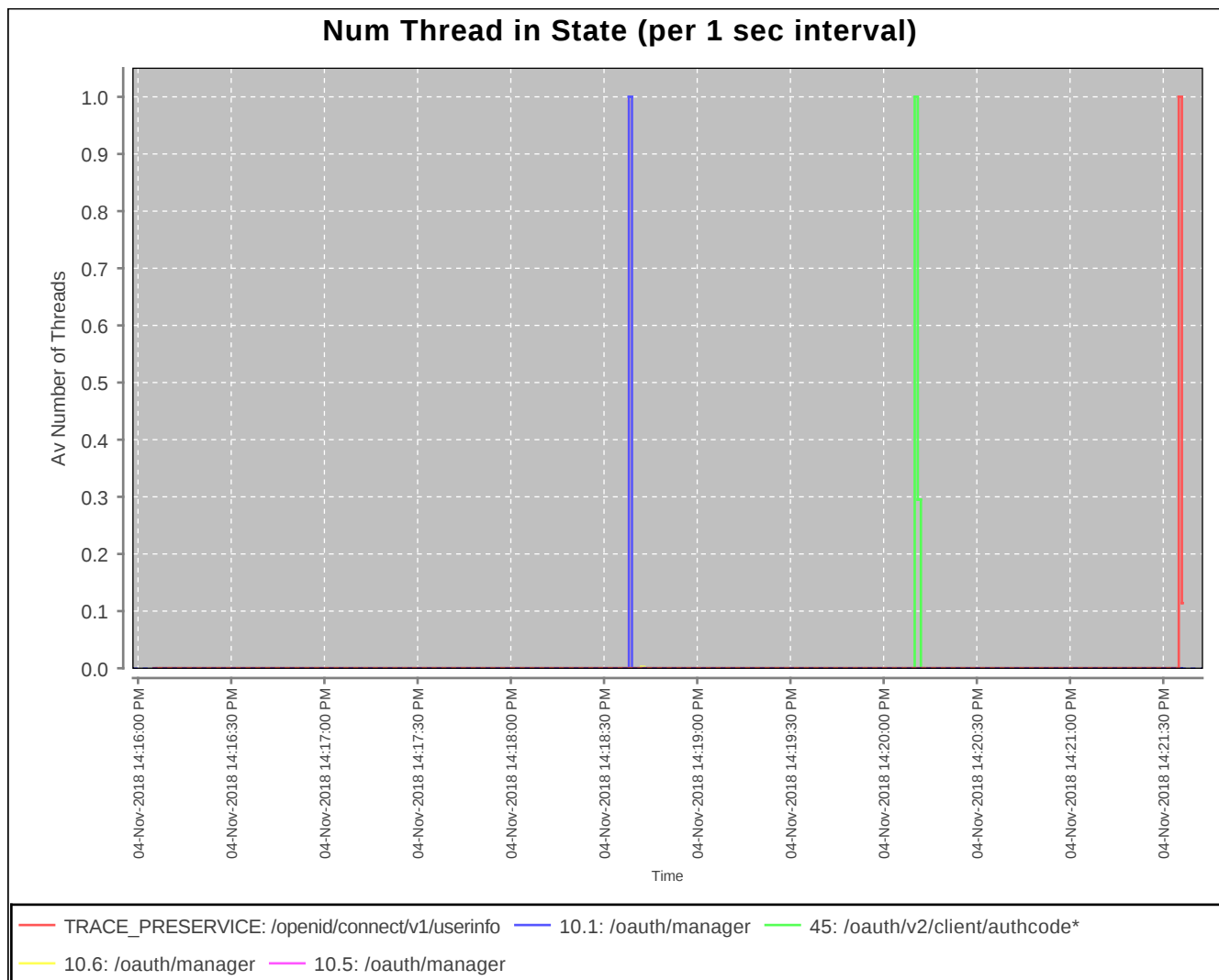
Transition	Total Thread Time (ms)
com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - TRACE_POSTSERVICE: /auth/oauth/v2/token <i>Sample Transition :</i> From com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 To TRACE_POSTSERVICE: /auth/oauth/v2/token - TRACE_POSTSERVICE: service.name=auth/oauth/v2/token service.resolutionUri=/auth/oauth/v2/token 127.0.0.1 [2018-11-04T14:20:11.115+11:00] "POST /auth/oauth/v2/token" 200 186 Called 2 Times av time: 101.500 ms (min: 74 ms, max: 129 ms),	203
TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:20:10.650+11:00] "POST /auth/oauth/v2/authorize/consent" 0 To com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 Called 2 Times av time: 68.000 ms (min: 57 ms, max: 79 ms),	136
58 - 61 <i>Sample Transition :</i> From 58: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=58 assertion.shortname=Compare Expression assertion.start=1541301674439 assertion.latency=1 status=0 To 61: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=61 assertion.shortname=Protect Against Message Replay assertion.start=1541301674441 assertion.latency=103 status=0 Called 1 Times av time: 104.000 ms (min: 104 ms, max: 104 ms),	104
TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:19:57.862+11:00] "POST /auth/oauth/v2/authorize/consent" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:19:57.862+11:00] "POST /auth/oauth/v2/authorize/consent" 200 451552 Called 2 Times av time: 47.500 ms (min: 42 ms, max: 53 ms),	95
90 - 91 <i>Sample Transition :</i> From 90: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=90 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529712 assertion.latency=1 status=0 To 91: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=91 assertion.shortname=Apply XSL Transformation assertion.start=1541301529713 assertion.latency=72 status=0 Called 2 Times (with 1 taking 0 ms) av time: 36.250 ms (min: 0 ms, max: 72 ms),	72
57.73.7 - 57.73.11 <i>Sample Transition :</i> From 57.73.7: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK User Authentication Extension policy.guid=e2038842-60b3-4fa4-a95a-9039d622cd7e assertion.numberStr=57.73.7 assertion.shortname=Require XPath Credentials assertion.start=1541301522262 assertion.latency=3 status=0 To 57.73.11: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK User Authentication Extension policy.guid=e2038842-60b3-4fa4-a95a-9039d622cd7e assertion.numberStr=57.73.11 assertion.shortname=Authenticate Against Identity Provider assertion.start=1541301522267 assertion.latency=66 status=0 Called 1 Times av time: 69.000 ms (min: 69 ms, max: 69 ms),	69

Transition	Total Thread Time (ms)
84.27.86 - 84.27.87 <i>Sample Transition :</i> From 84.27.86: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=84.27.86 assertion.shortname=OTK Cache Remove assertion.start=1541301519484 assertion.latency=53 status=0 To 84.27.87: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=84.27.87 assertion.shortname=Perform JDBC Query assertion.start=1541301519537 assertion.latency=67 status=0 Called 1 Times av time: 69.000 ms (min: 69 ms, max: 69 ms),	69
com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent <i>Sample Transition :</i> From com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:20:10.650+11:00] "POST /auth/oauth/v2/authorize/consent" 302 0 Called 2 Times av time: 26.500 ms (min: 26 ms, max: 27 ms),	53
42 - 44.8 <i>Sample Transition :</i> From 42: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=42 assertion.shortname=Compare Expression assertion.start=1541301519288 assertion.latency=1 status=600 To 44.8: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.8 assertion.shortname=Require HTTP Cookie assertion.start=1541301519291 assertion.latency=42 status=0 Called 2 Times (with 1 taking 0 ms) av time: 22.750 ms (min: 0 ms, max: 45 ms),	45
84.24.330 - 84.24.331 <i>Sample Transition :</i> From 84.24.330: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.330 assertion.shortname=Set Context Variable assertion.start=1541301529640 assertion.latency=0 status=0 To 84.24.331: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.331 assertion.shortname=Apply XSL Transformation assertion.start=1541301529640 assertion.latency=43 status=0 Called 1 Times av time: 43.000 ms (min: 43 ms, max: 43 ms),	43
93 - 102 <i>Sample Transition :</i> From 93: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=93 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529786 assertion.latency=7 status=0 To 102: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=102 assertion.shortname=Return Template Response to Requestor assertion.start=1541301529798 assertion.latency=37 status=0 Called 1 Times av time: 38.000 ms (min: 38 ms, max: 38 ms),	38
17.26 - 17.27 <i>Sample Transition :</i> From 17.26: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=17.26 assertion.shortname=Set Context Variable assertion.start=1541301519187 assertion.latency=0 status=0 To 17.27: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=17.27 assertion.shortname=Compare Expression assertion.start=1541301519199 assertion.latency=15 status=600 Called 3 Times av time: 10.333 ms (min: 1 ms, max: 25 ms),	31

Transition	Total Thread Time (ms)
57 - 59 Sample Transition : From 57: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=57 assertion.shortname=Compare Expression assertion.start=1541301529549 assertion.latency=0 status=600 To 59: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=59 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529550 assertion.latency=17 status=0 Called 2 Times av time: 14.500 ms (min: 11 ms, max: 18 ms),	29
87 - 88 Sample Transition : From 87: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=87 assertion.shortname=Compare Expression assertion.start=1541301519619 assertion.latency=0 status=0 To 88: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=88 assertion.shortname=Return Template Response to Requestor assertion.start=1541301519620 assertion.latency=17 status=0 Called 2 Times av time: 11.500 ms (min: 1 ms, max: 22 ms),	23
60 - 61 Sample Transition : From 60: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=60 assertion.shortname=OTK Session - Store assertion.start=1541301522374 assertion.latency=93 status=0 To 61: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=61 assertion.shortname=Set Context Variable assertion.start=1541301522467 assertion.latency=1 status=0 Called 3 Times av time: 7.333 ms (min: 1 ms, max: 12 ms),	22
46 - 47 Sample Transition : From 46: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=46 assertion.shortname=Set Context Variable assertion.start=1541301522685 assertion.latency=0 status=0 To 47: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=47 assertion.shortname=Evaluate Regular Expression assertion.start=1541301522685 assertion.latency=19 status=0 Called 2 Times av time: 10.000 ms (min: 1 ms, max: 19 ms),	20
1 - TRACE_POSTSERVICE: /oauth/manager Sample Transition : From 1: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301519089 assertion.latency=558 status=0 To TRACE_POSTSERVICE: /oauth/manager - TRACE_POSTSERVICE: service.name=oauth/manager service.resolutionUri=/oauth/manager 192.168.154.1 [2018-11-04T14:18:39.011+11:00] "GET /oauth/manager" 200 450837 Called 3 Times av time: 6.333 ms (min: 1 ms, max: 10 ms),	19
44.13 - 44.14 Sample Transition : From 44.13: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.13 assertion.shortname=Set Context Variable assertion.start=1541301519351 assertion.latency=0 status=0 To 44.14: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.14 assertion.shortname=Generate Security Hash assertion.start=1541301519352 assertion.latency=11 status=0 Called 2 Times (with 1 taking 0 ms) av time: 8.750 ms (min: 0 ms, max: 17 ms),	17

2.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

The value shown is the average number of threads, as that gives the best indication of a problem.

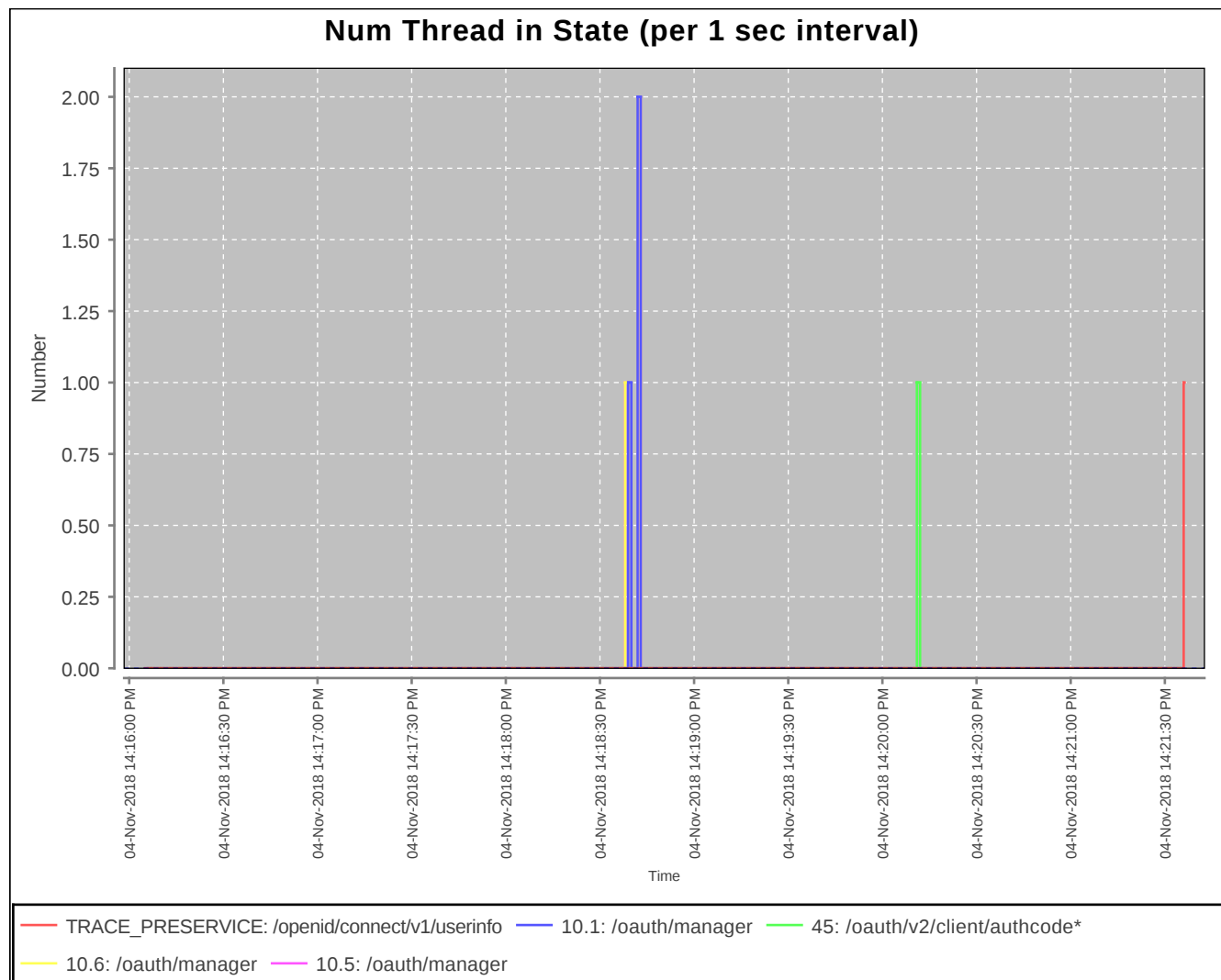
For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

2.7. LockDetect_ServiceRequest Table

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /openid/connect/v1/userinfo Sample Msg: TRACE_PRESERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 0 Called 1 Times av time: 337.000 ms (min: 337 ms, max: 337 ms),	337
10.1: /oauth/manager Sample Msg: TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301519093 assertion.latency=13 status=0 Called 3 Times (with 2 taking 0 ms) av time: 1.667 ms (min: 0 ms, max: 4 ms),	4
45: /oauth/v2/client/authcode* Sample Msg: TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=45 assertion.shortname=Set Context Variable assertion.start=1541301610829 assertion.latency=0 status=0 Called 1 Times av time: 579.000 ms (min: 579 ms, max: 579 ms),	579
10.6: /oauth/manager Sample Msg: TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.6 assertion.shortname=Manage Transport Properties/Headers assertion.start=1541301519104 assertion.latency=0 status=0 Called 3 Times av time: 1.667 ms (min: 1 ms, max: 3 ms),	5
10.5: /oauth/manager Sample Msg: TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.5 assertion.shortname=Manage Transport Properties/Headers assertion.start=1541301519102 assertion.latency=0 status=0 Called 3 Times (with 1 taking 0 ms) av time: 1.167 ms (min: 0 ms, max: 2 ms),	3

2.8. LockDetect_Throughput

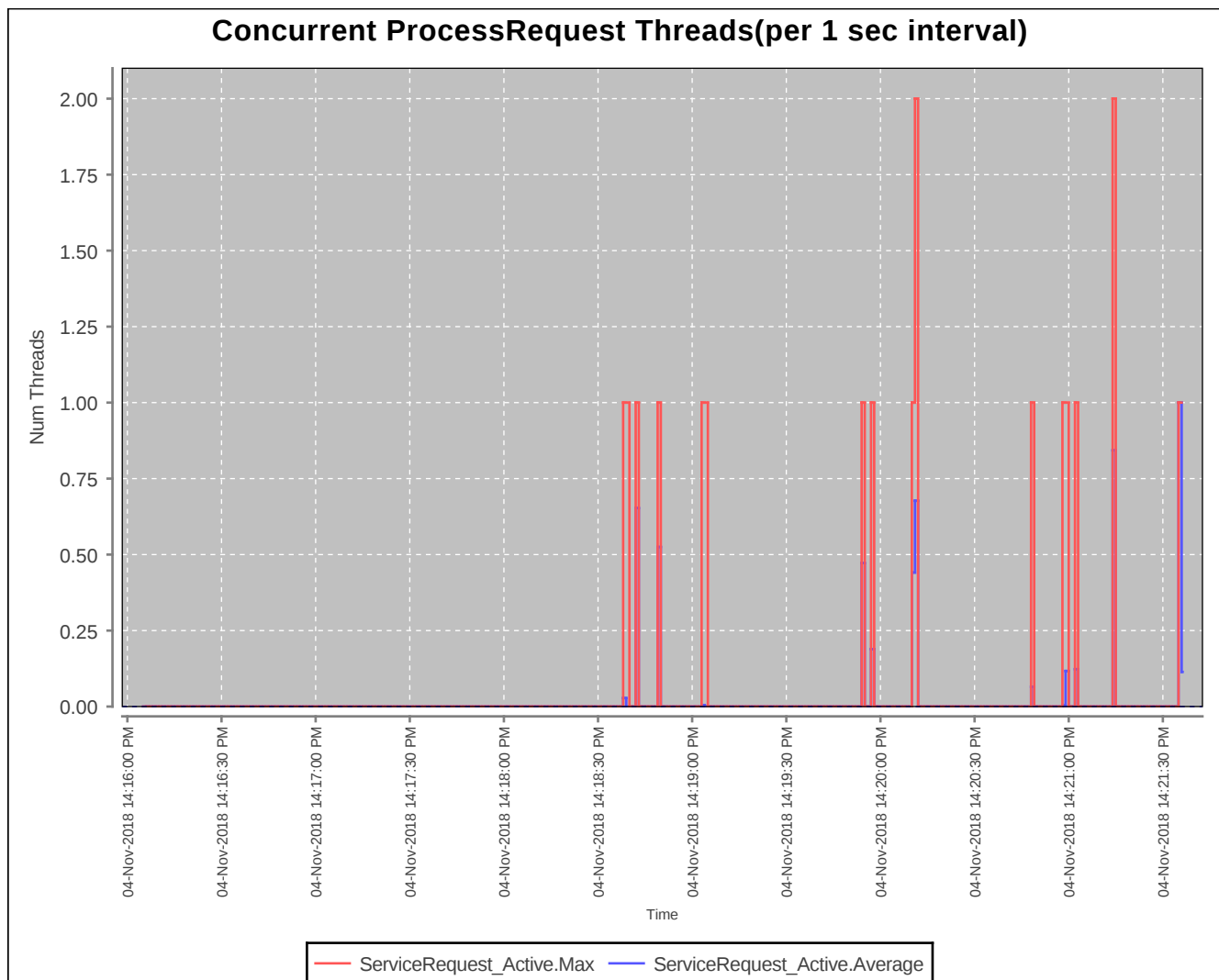
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

2.9. Concurrent_ServiceRequest

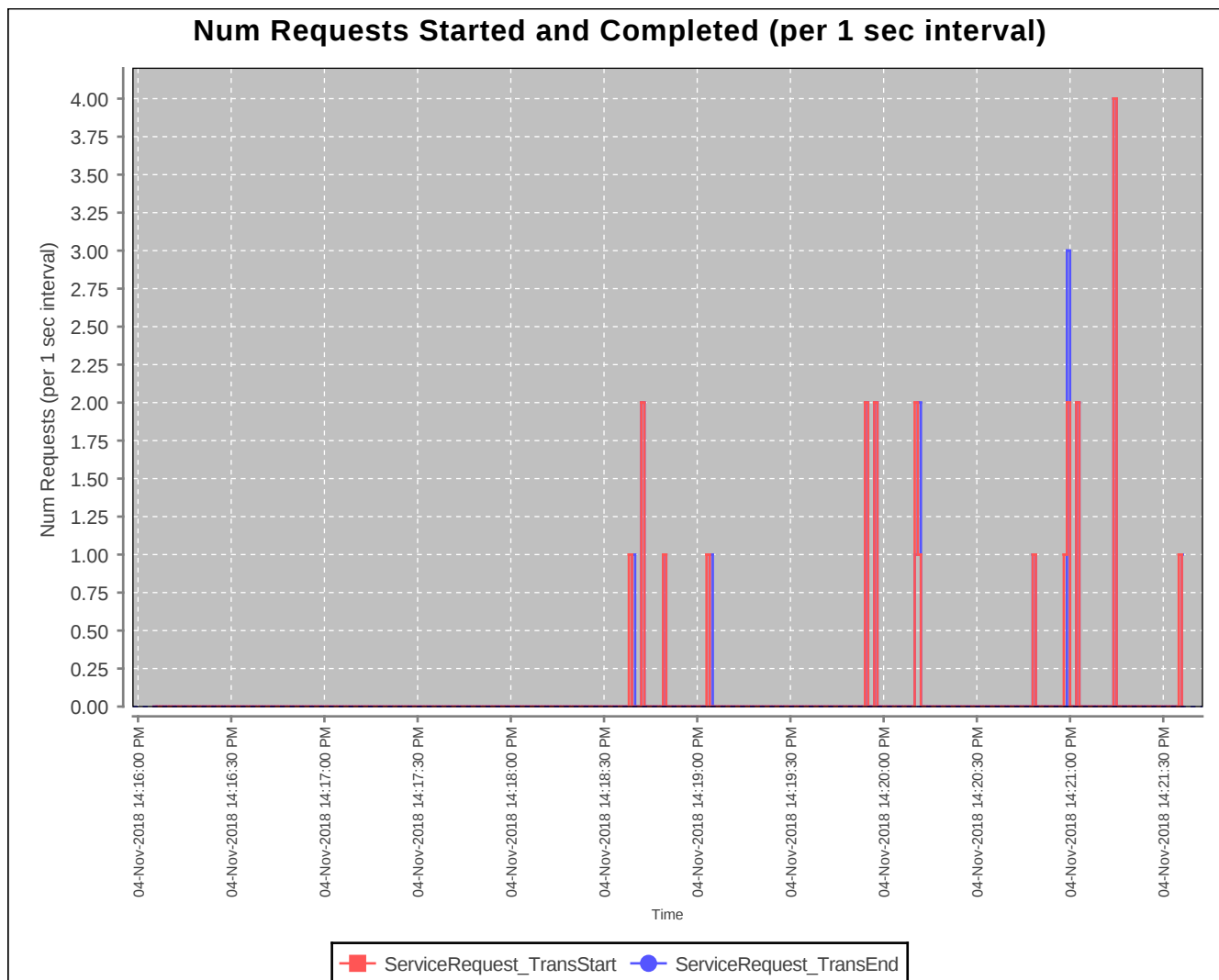
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

2.10. StartAndEnd_ServiceRequest

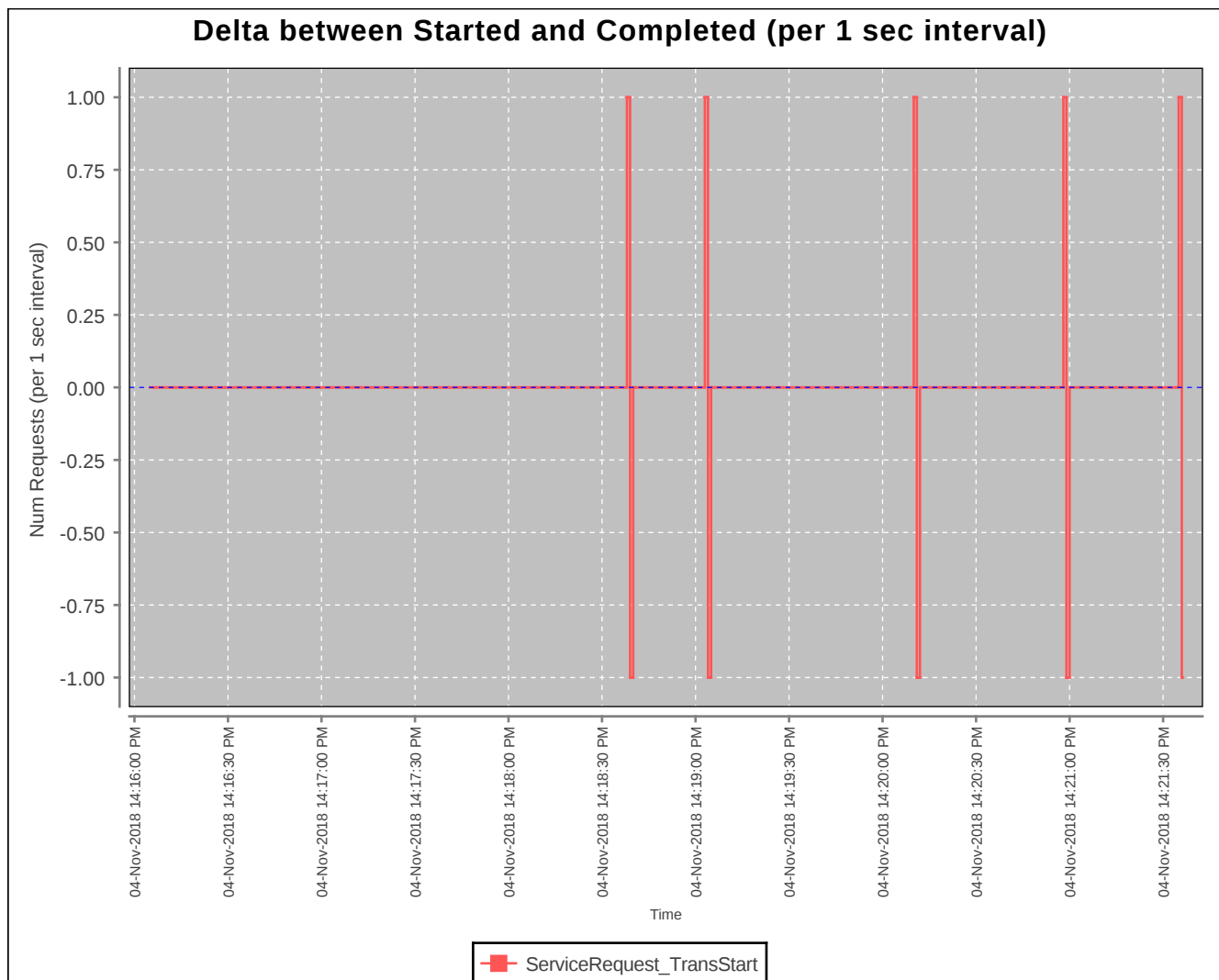
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

2.11. StartAndEndDelta_ServiceRequest

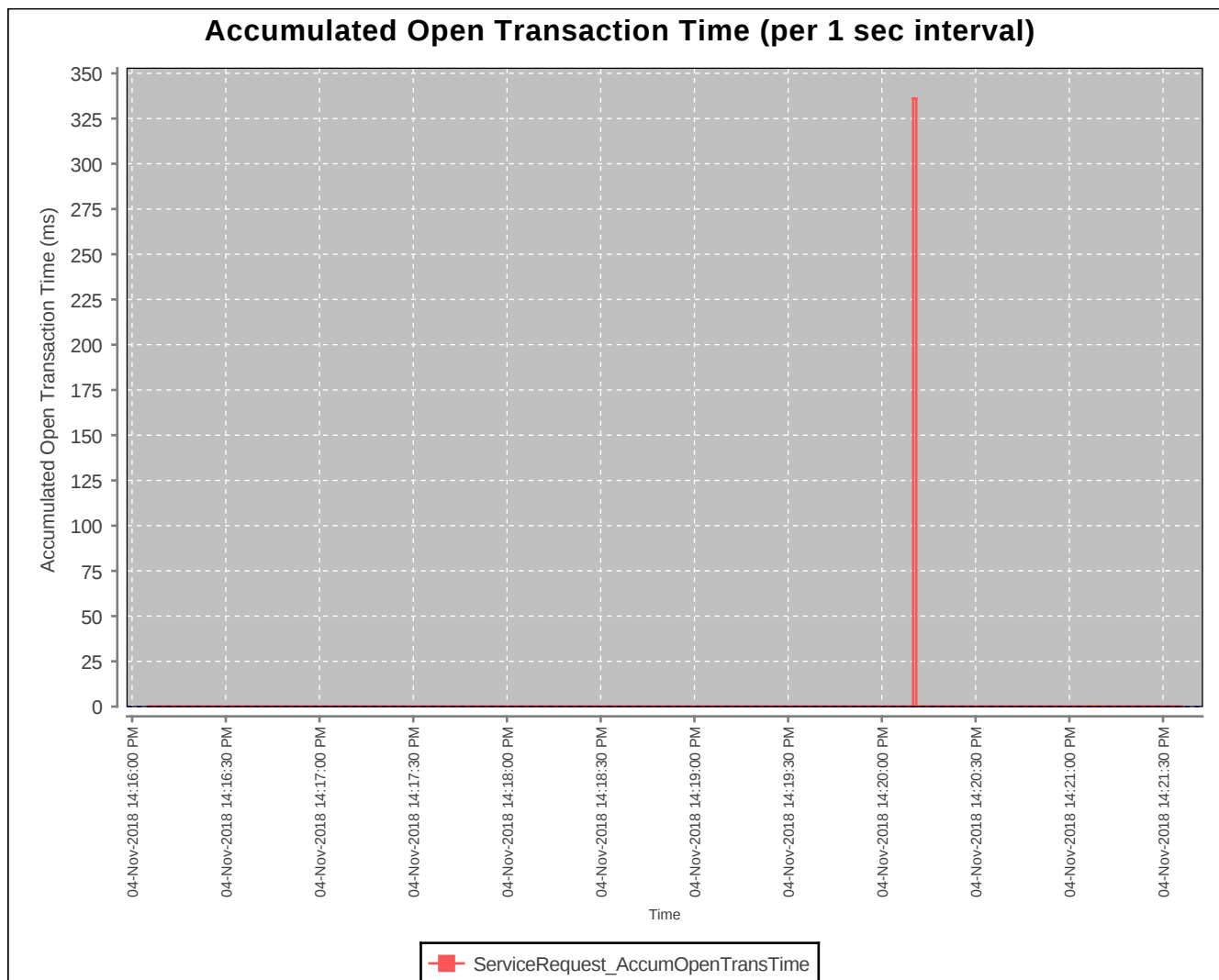
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

2.12. AccumOpenTransTime_ServiceRequest

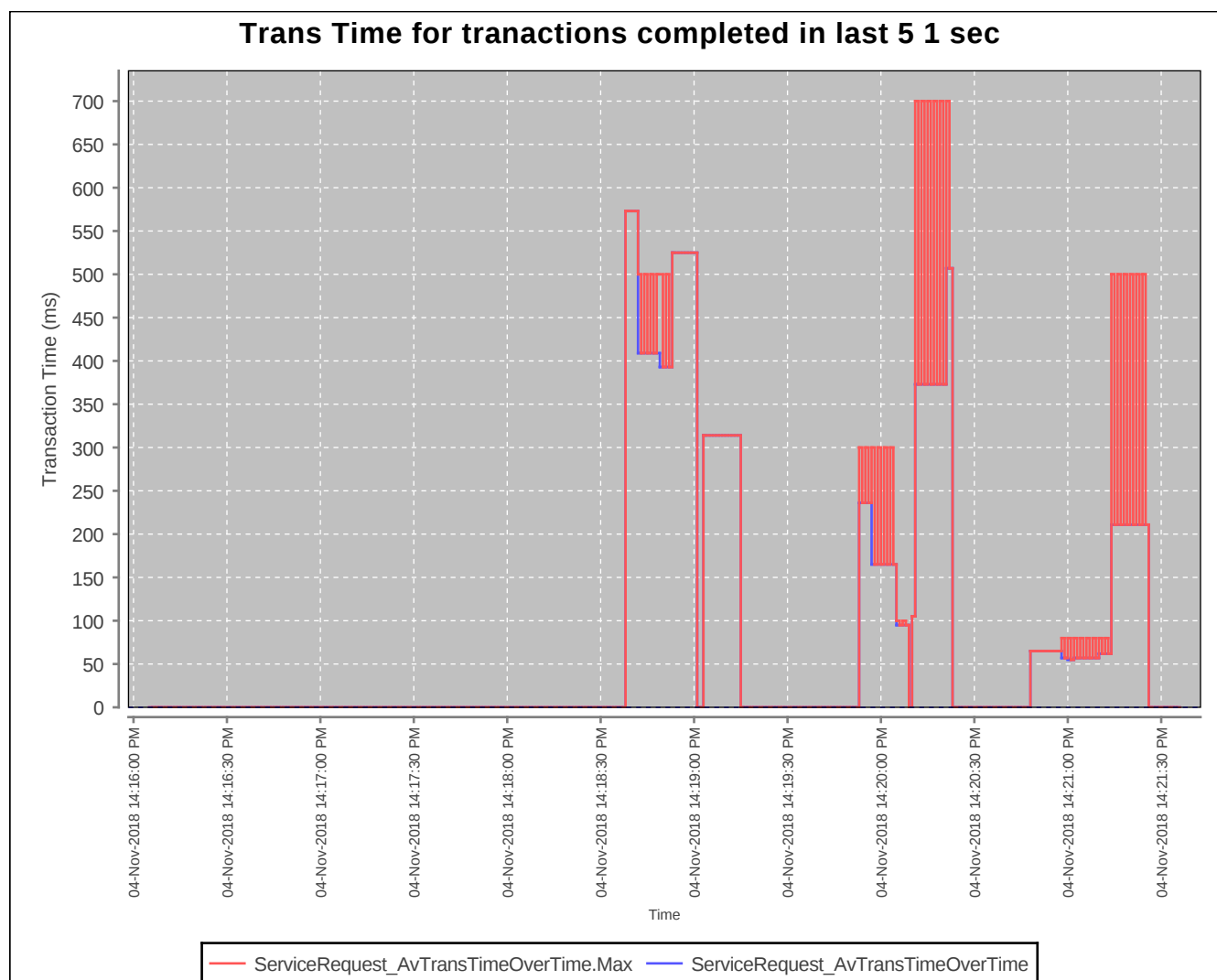
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

2.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

3. Transaction Report : ServiceRequest /openid/connect/v1/userinfo

3.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:21:35 AEDT 2018

End Trace Time : Sun Nov 04 14:21:36 AEDT 2018

Trace Time Duration : 337 ms

Number of transactions : 1

Average Throughput : 2.967359 (request/sec)

Average Transaction Time: 337.0ms

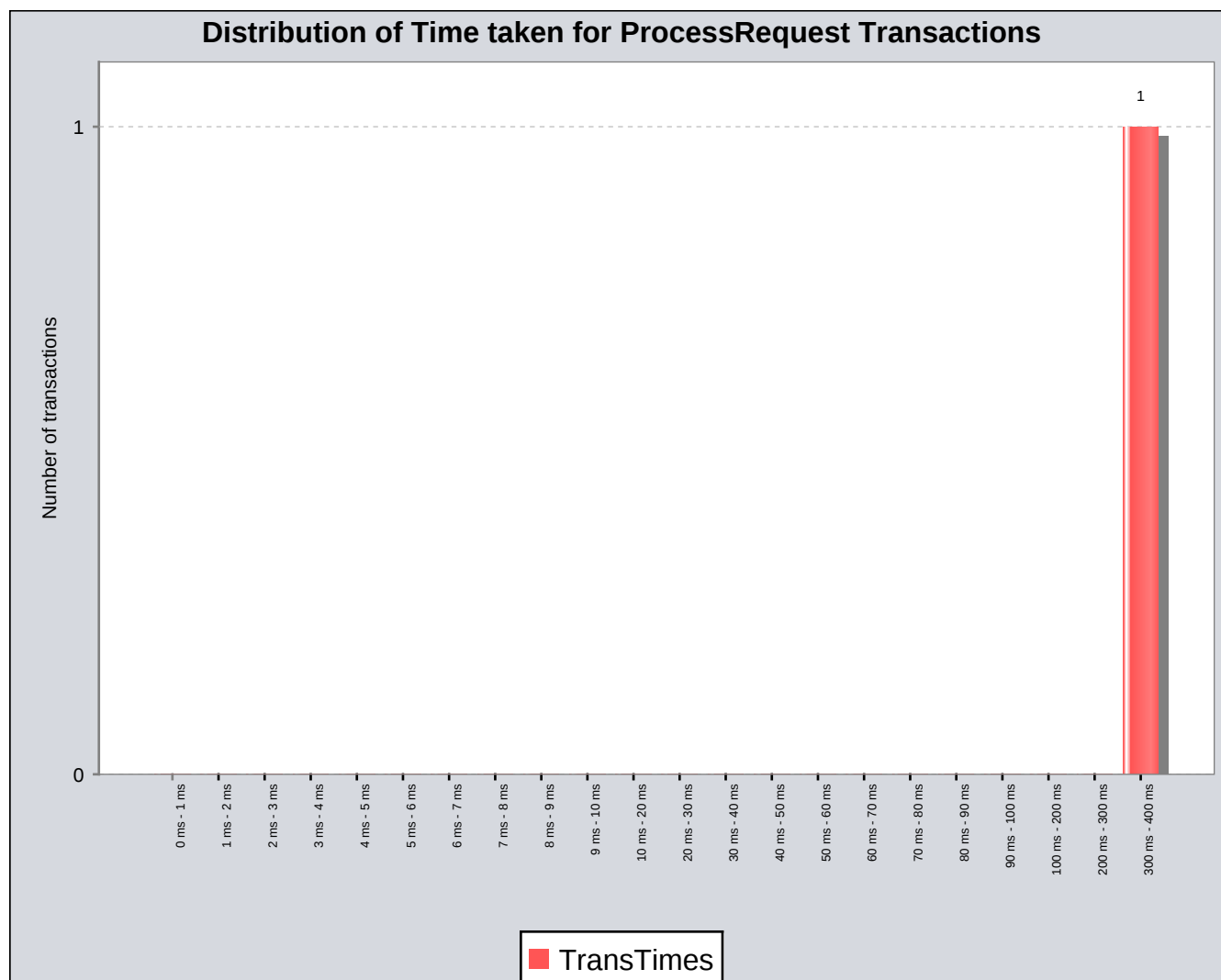
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

3.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

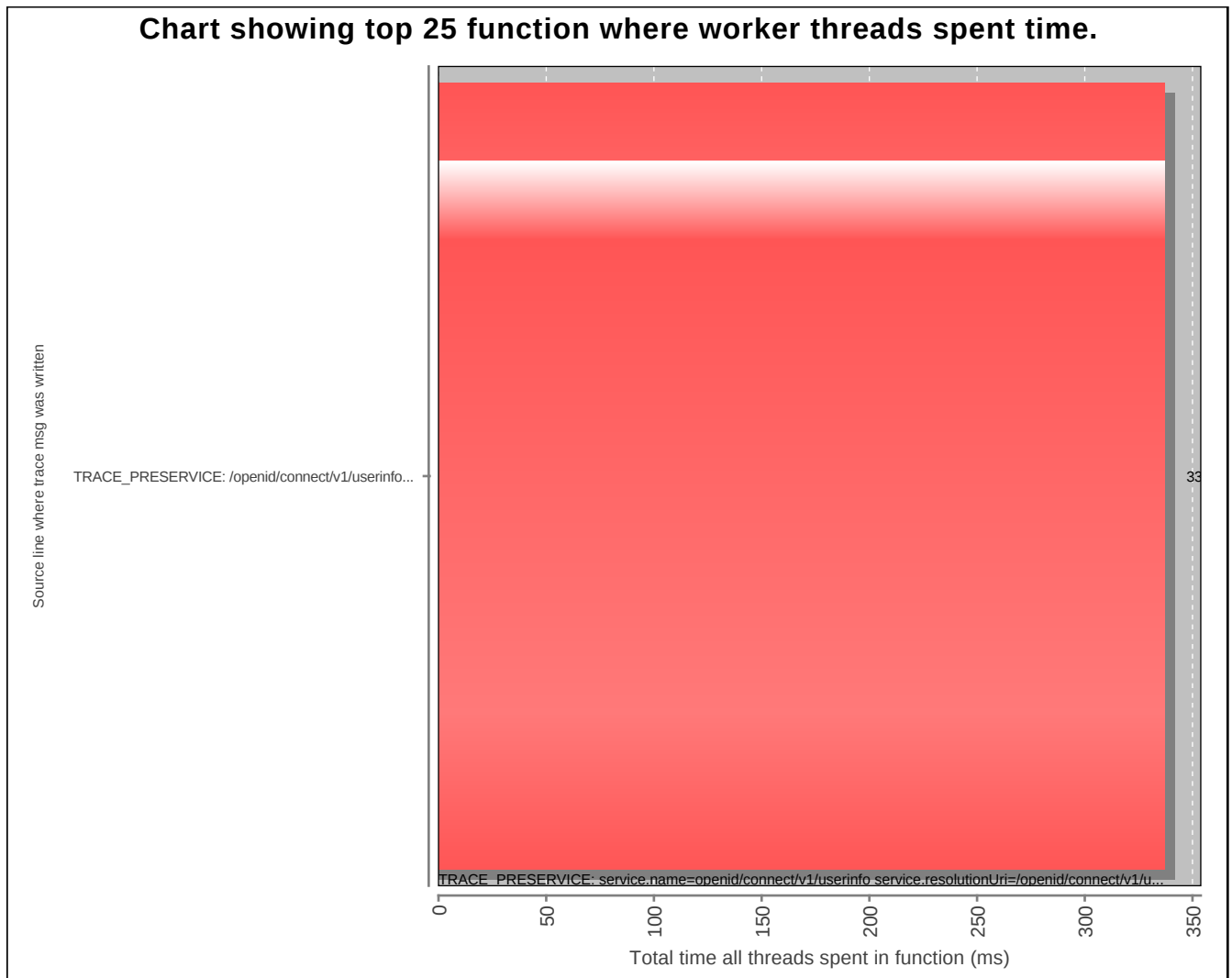
3.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
300 ms - 400 ms	1

3.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

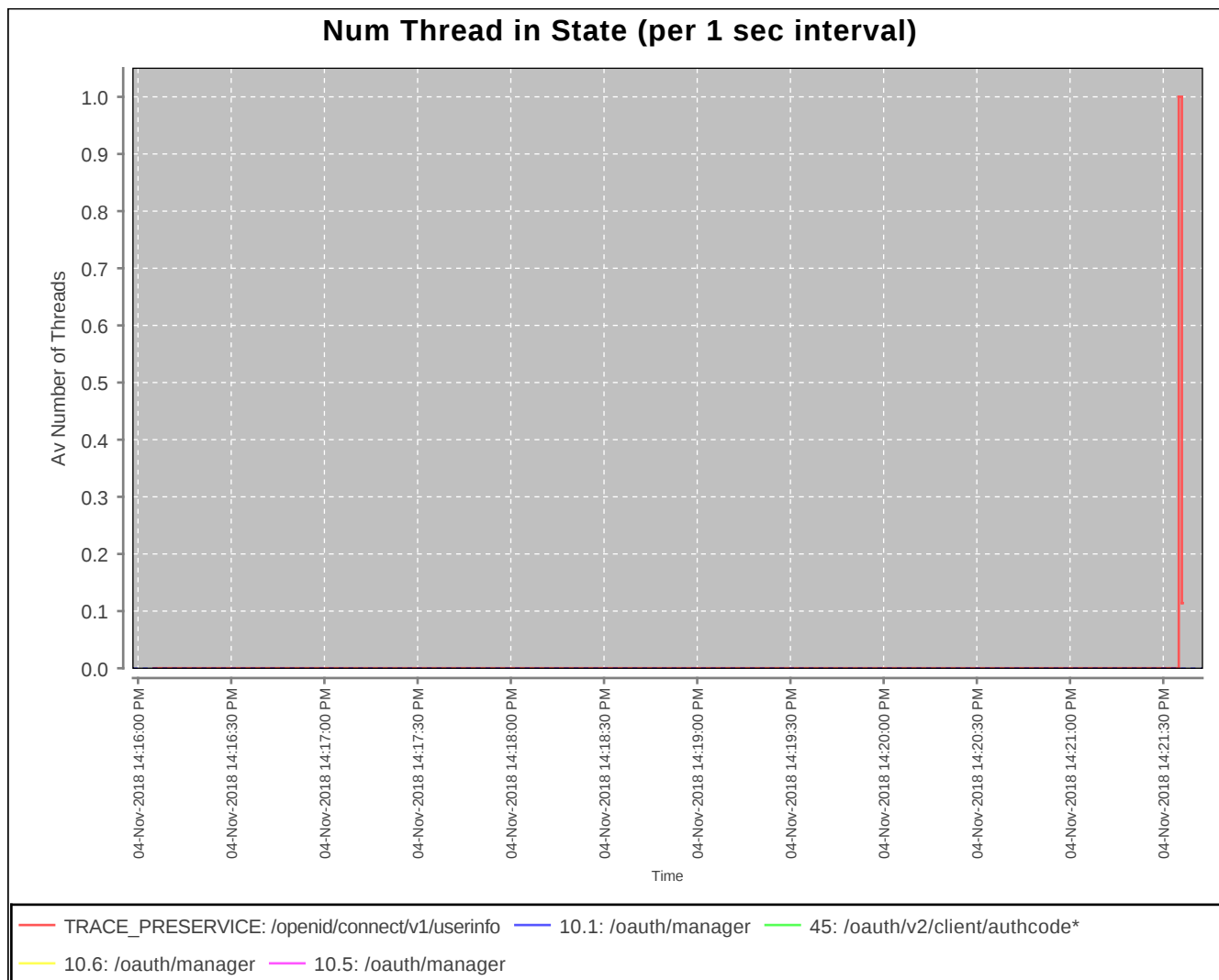
We calculate the delta time between two log entries and assign it to the

3.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /openid/connect/v1/userinfo - TRACE_POSTSERVICE: /openid/connect/v1/userinfo <i>Sample Transition :</i> From TRACE_PRESERVICE: /openid/connect/v1/userinfo - TRACE_PRESERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 0 To TRACE_POSTSERVICE: /openid/connect/v1/userinfo - TRACE_POSTSERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 200 303 Called 1 Times av time: 337.000 ms (min: 337 ms, max: 337 ms),	337

3.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

The value shown is the average number of threads, as that gives the best indication of a problem.

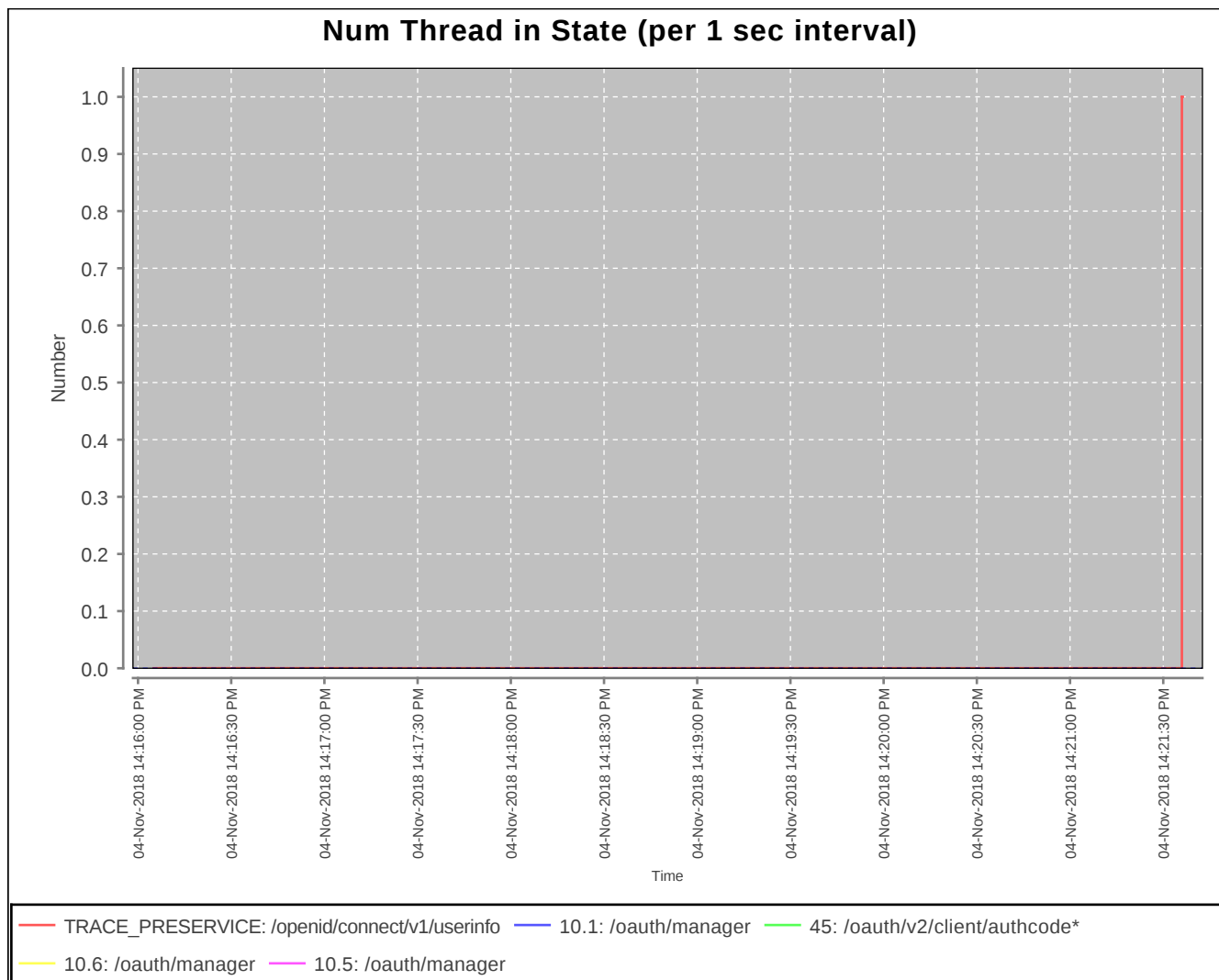
For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

3.7. LockDetect_ServiceRequest Table

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /openid/connect/v1/userinfo <i>Sample Msg: TRACE_PRESERVICE: service.name=openid/connect/v1/userinfo service.resolutionUri=/openid/connect/v1/userinfo 192.168.154.1 [2018-11-04T14:21:35.885+11:00] "POST /openid/connect/v1/userinfo" 0 </i> Called 1 Times av time: 337.000 ms (min: 337 ms, max: 337 ms),	337

3.8. LockDetect_Throughput

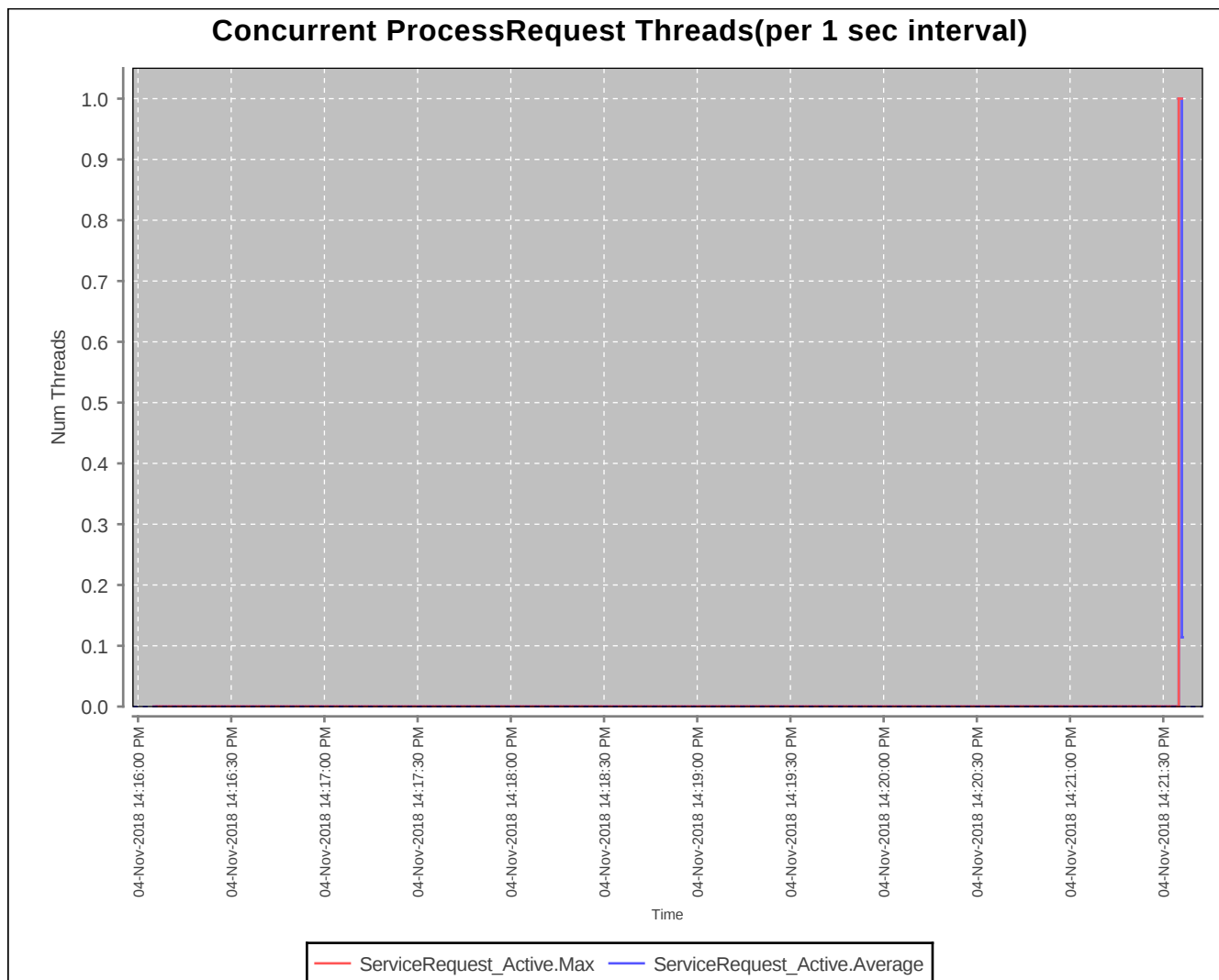
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

3.9. Concurrent_ServiceRequest

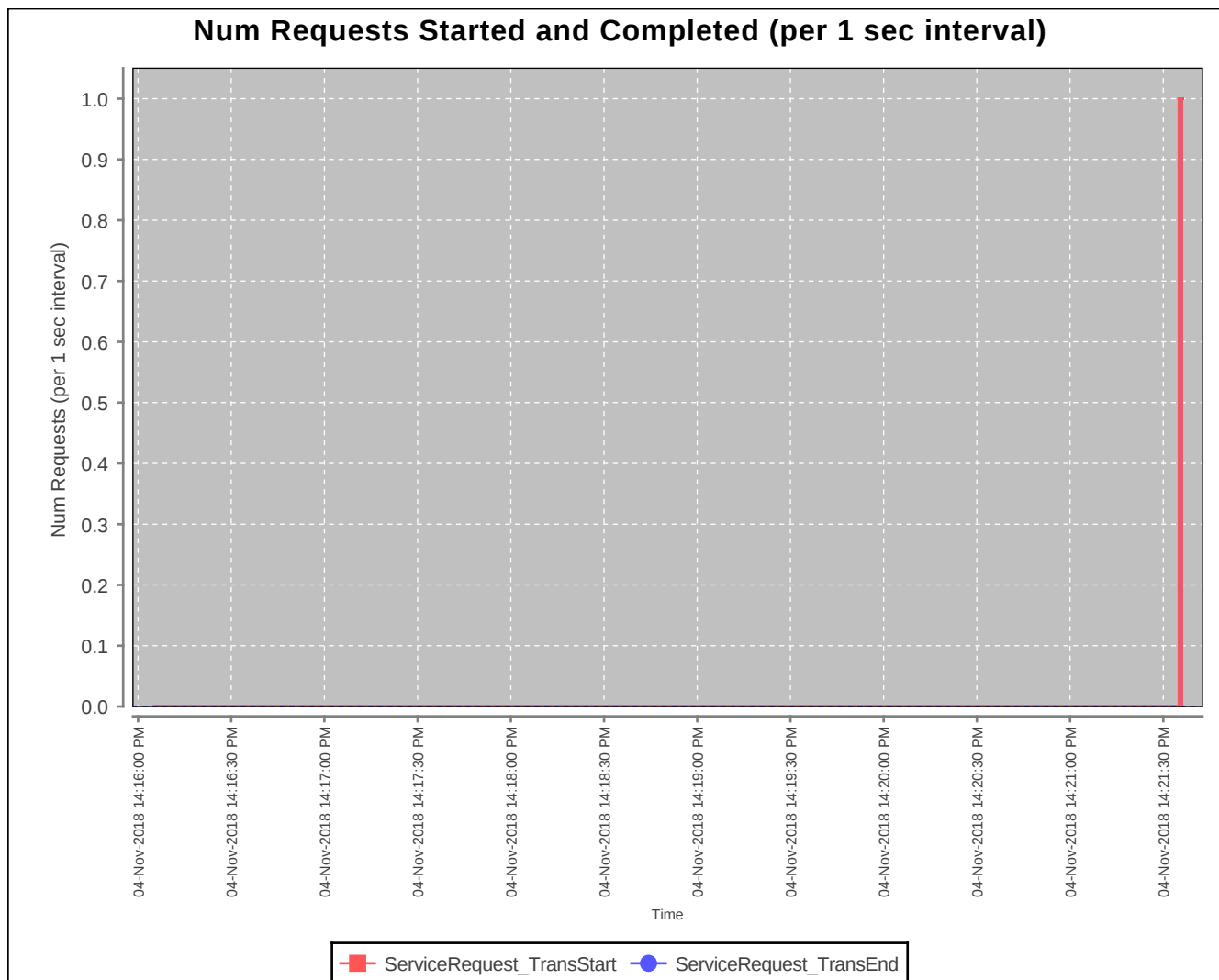
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

3.10. StartAndEnd_ServiceRequest

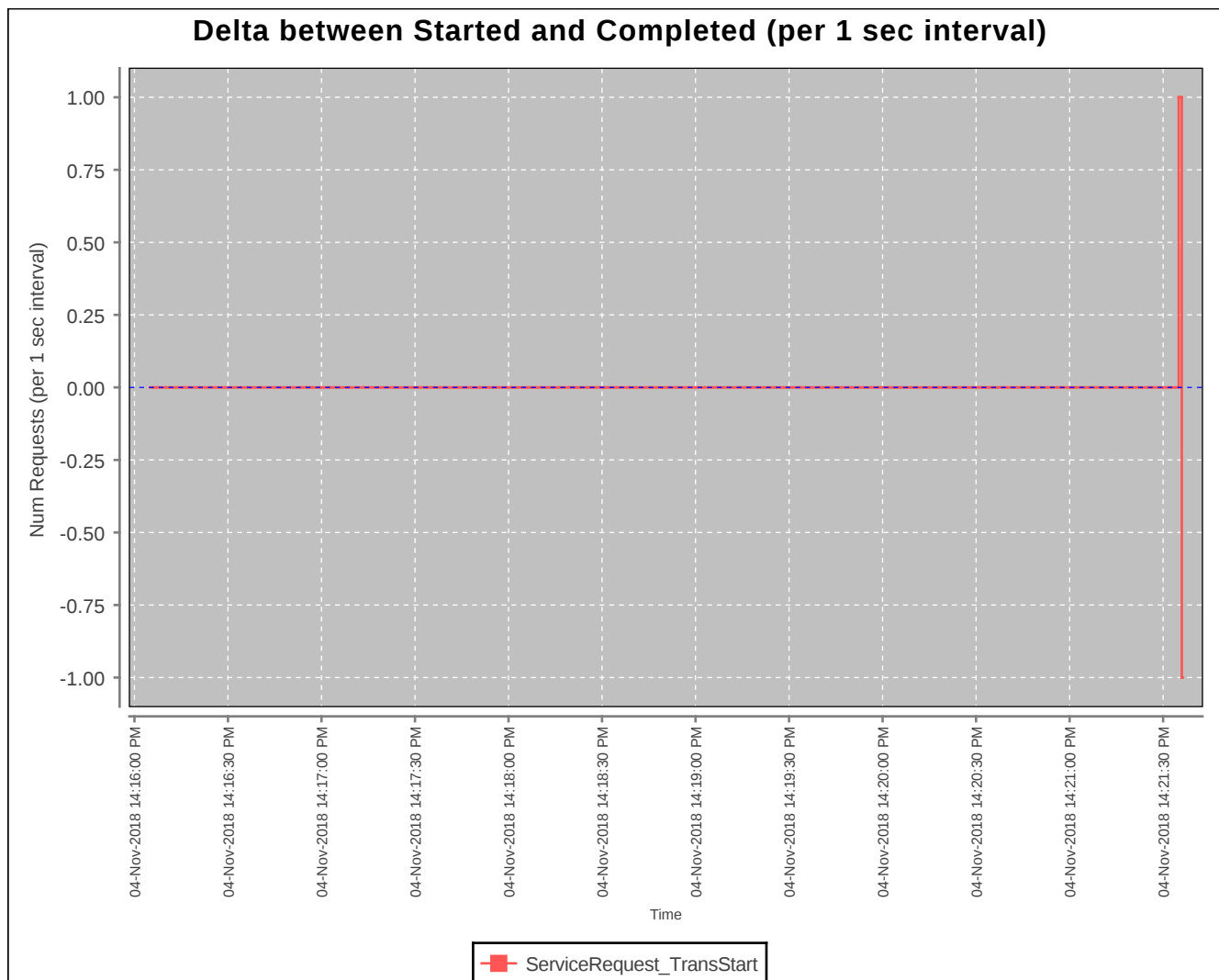
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

3.11. StartAndEndDelta_ServiceRequest

Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

3.12. AccumOpenTransTime_ServiceRequest

No Data : no data matched the selection for this graph

3.13. AvTransTimeOverTime_ServiceRequest

No Data : no data matched the selection for this graph

4. Transaction Report : ServiceRequest /auth/oauth/v2/authorize

4.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:19:54 AEDT 2018

End Trace Time : Sun Nov 04 14:20:59 AEDT 2018

Trace Time Duration : 1 min 4 secs 767 ms

Number of transactions : 2

Average Throughput : 0.030879924 (request/sec)

Average Transaction Time: 191.5ms

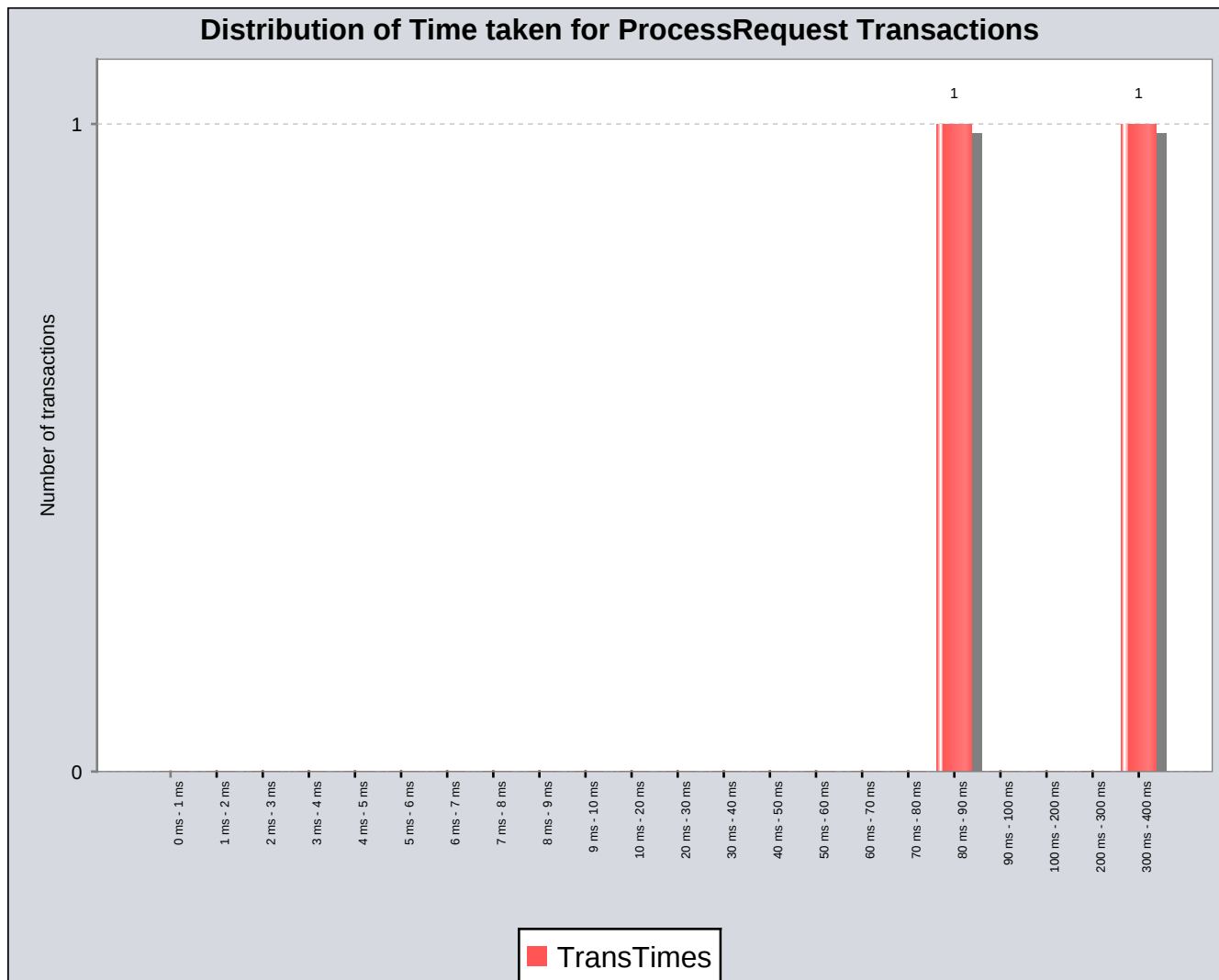
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

4.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

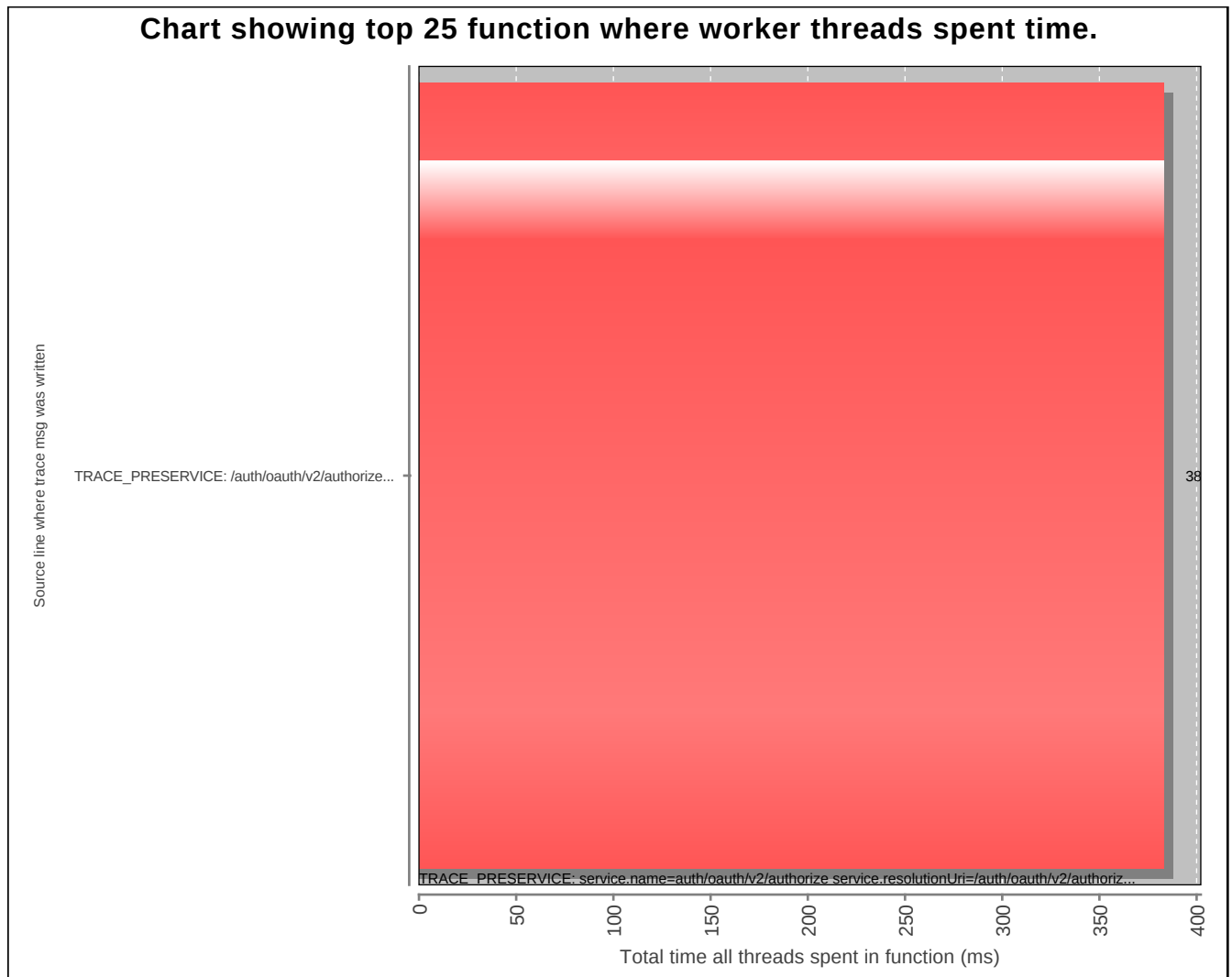
4.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
80 ms - 90 ms	1
300 ms - 400 ms	1

4.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

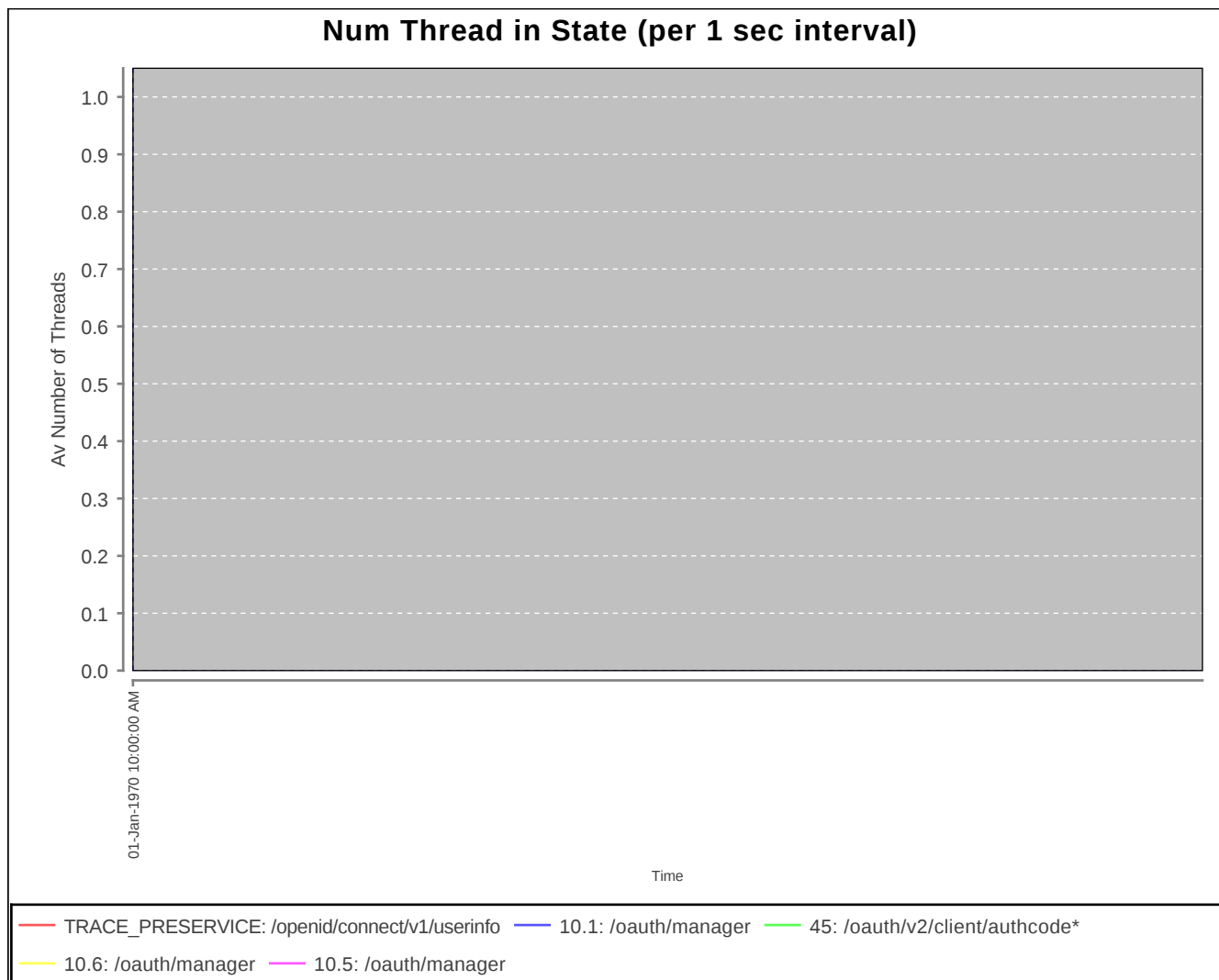
We calculate the delta time between two log entries and assign it to the

4.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /auth/oauth/v2/authorize - TRACE_POSTSERVICE: /auth/oauth/v2/authorize <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize service.resolutionUri=/auth/oauth/v2/authorize 192.168.154.1 [2018-11-04T14:19:54.487+11:00] "GET /auth/oauth/v2/authorize" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize service.resolutionUri=/auth/oauth/v2/authorize 192.168.154.1 [2018-11-04T14:19:54.487+11:00] "GET /auth/oauth/v2/authorize" 302 0 Called 2 Times av time: 191.500 ms (min: 80 ms, max: 303 ms),	383

4.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

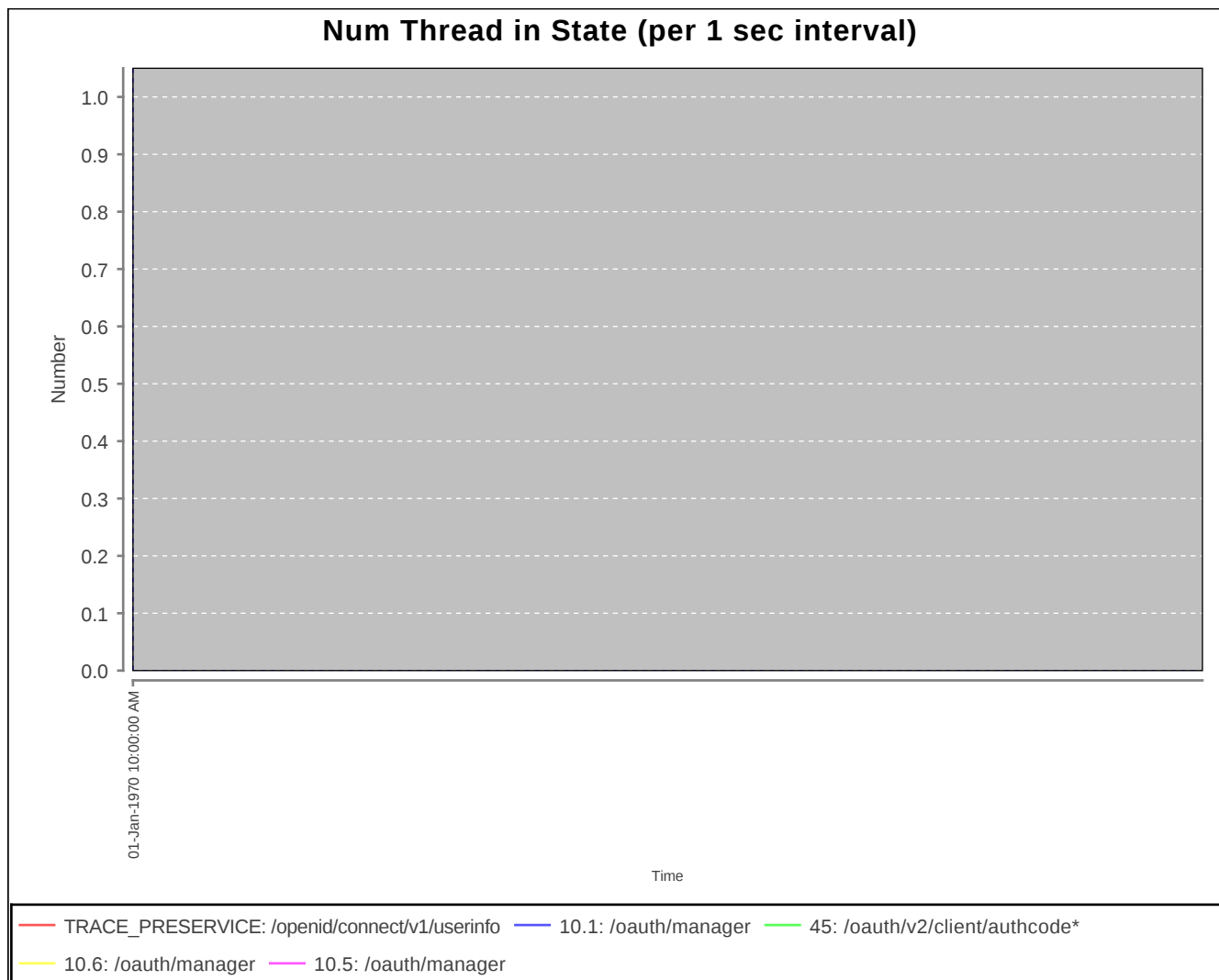
The value shown is the average number of threads, as that gives the best indication of a problem.

For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

4.7. LockDetect_ServiceRequest Table

4.8. LockDetect_Throughput

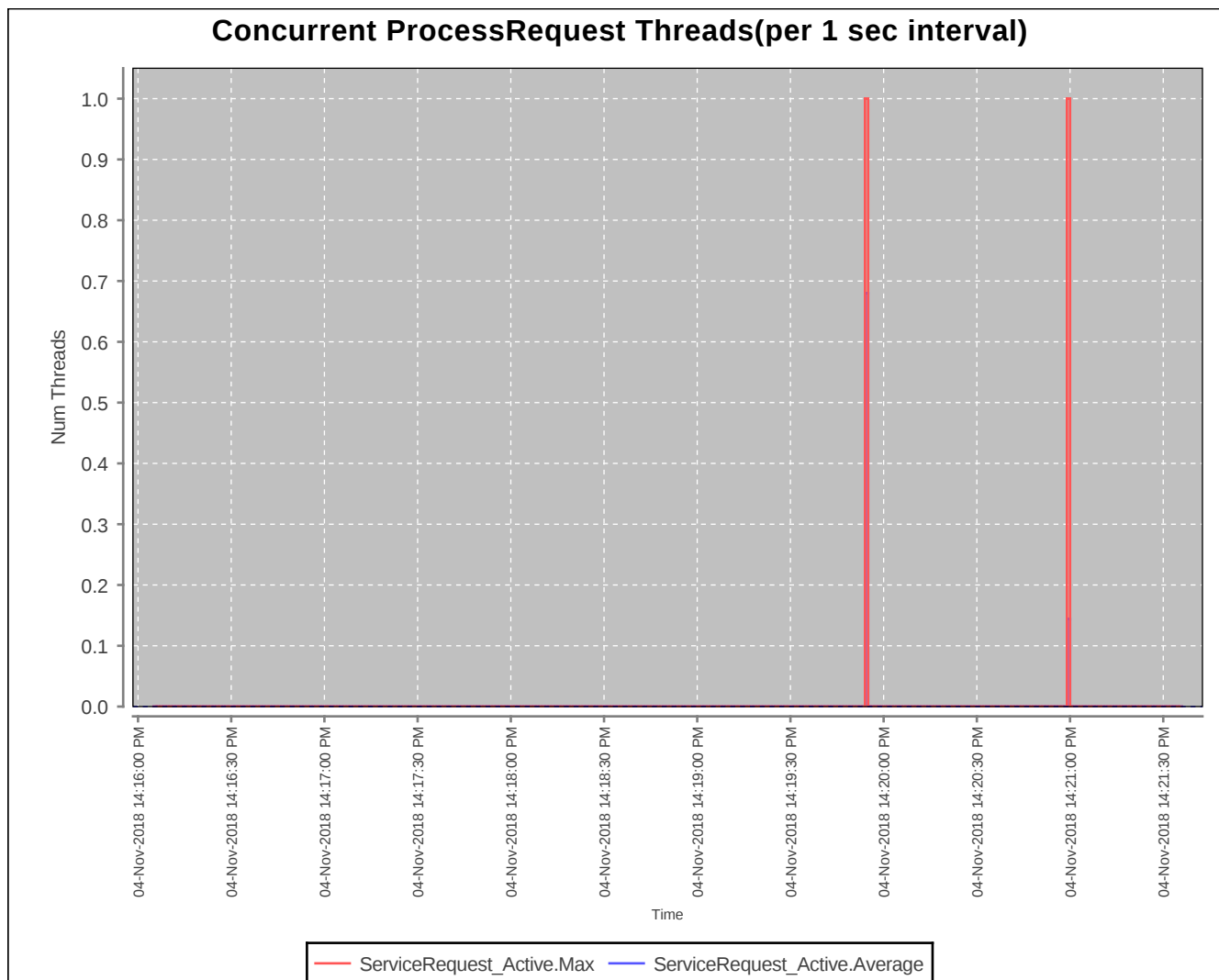
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

4.9. Concurrent_ServiceRequest

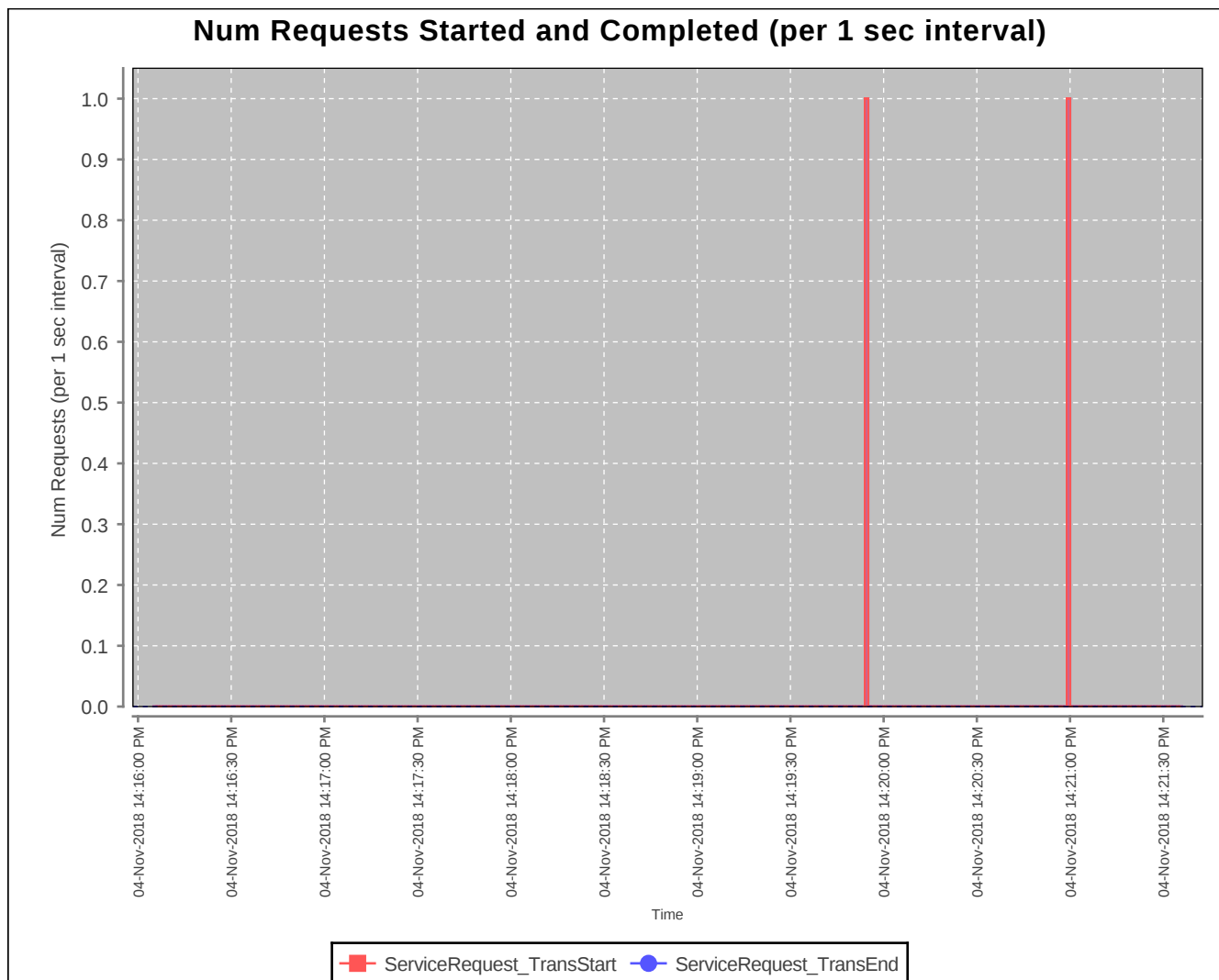
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

4.10. StartAndEnd_ServiceRequest

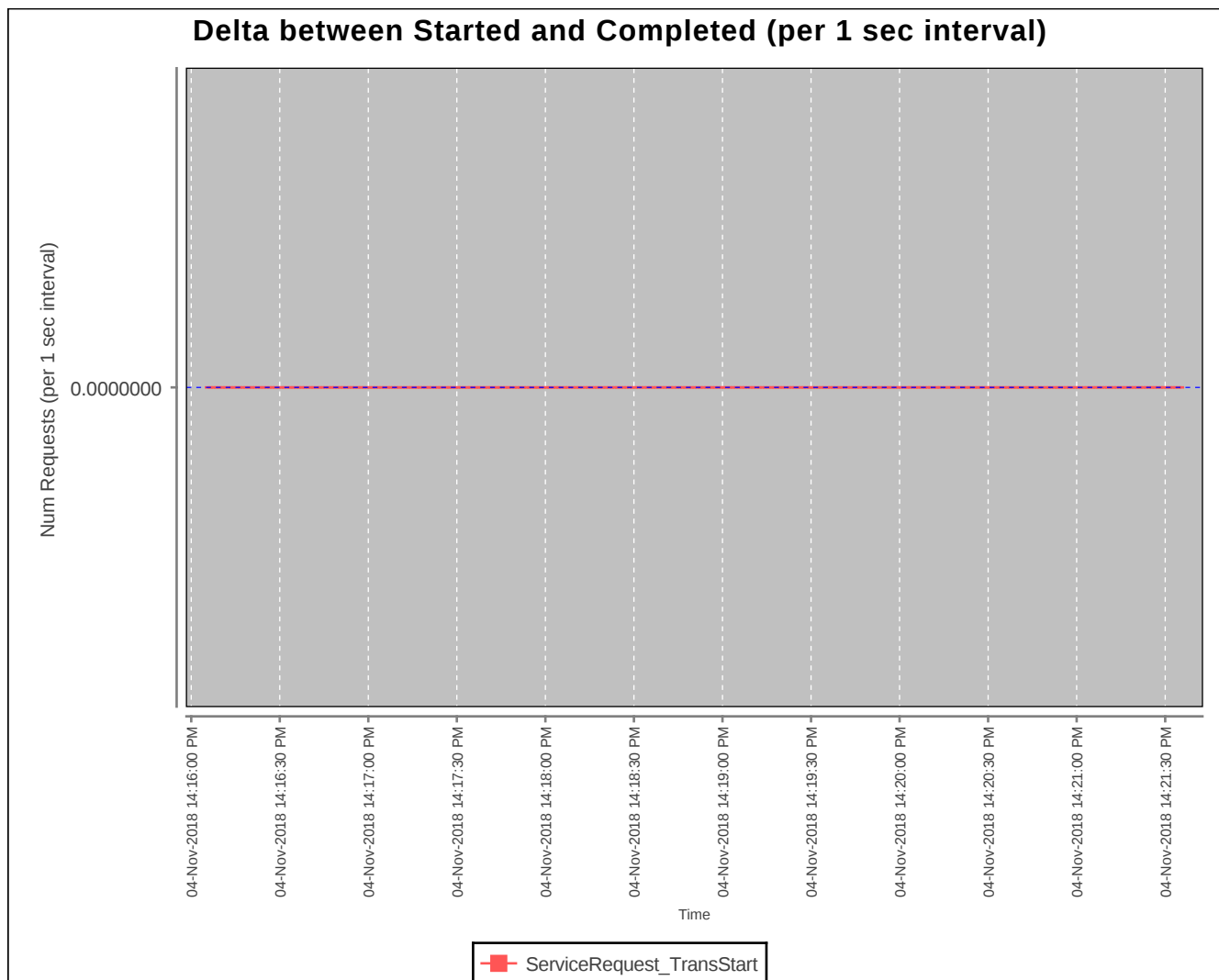
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

4.11. StartAndEndDelta_ServiceRequest

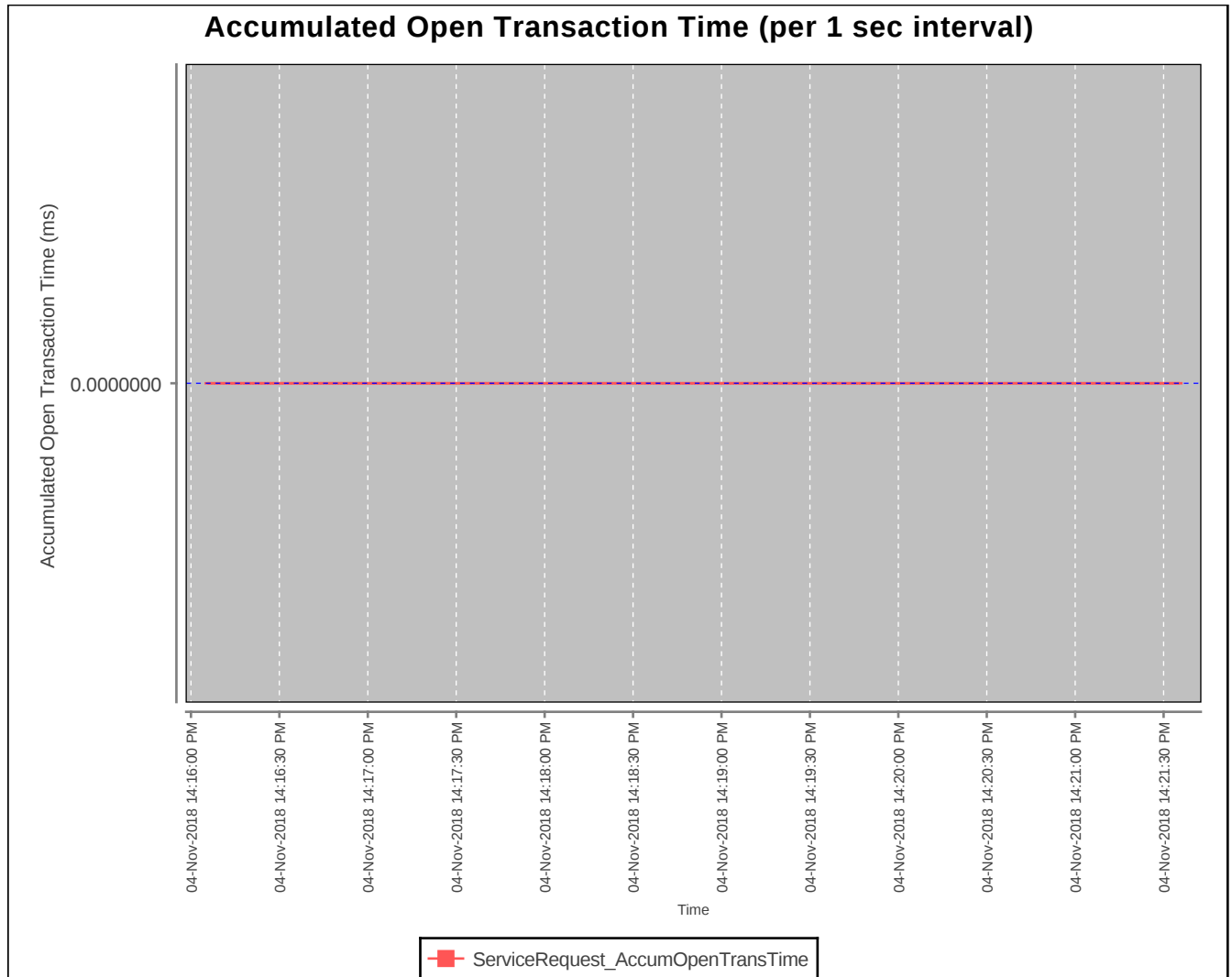
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

4.12. AccumOpenTransTime_ServiceRequest

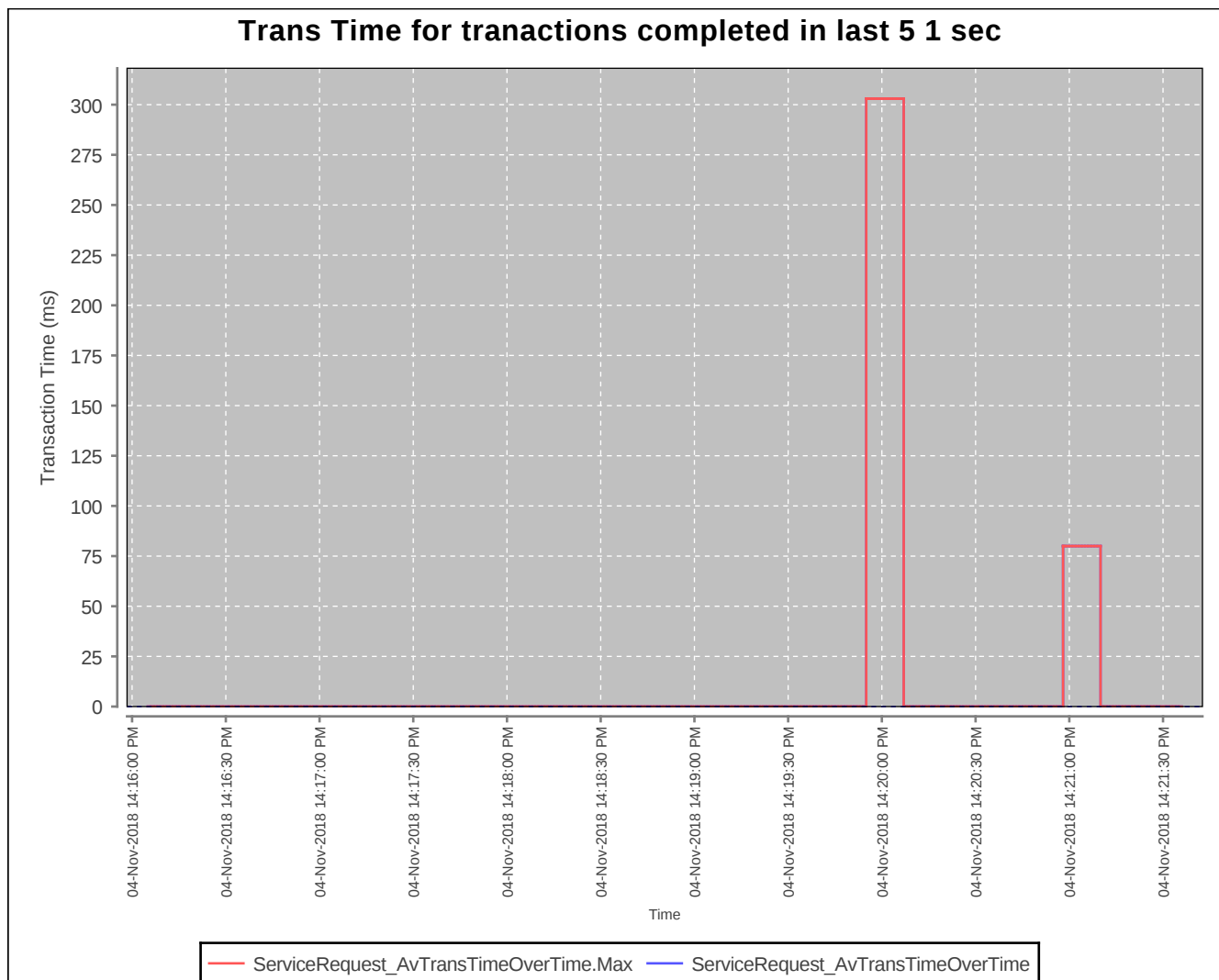
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

4.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

5. Transaction Report : ServiceRequest /auth/oauth/v2/authorize/consent

5.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:19:57 AEDT 2018

End Trace Time : Sun Nov 04 14:21:14 AEDT 2018

Trace Time Duration : 1 min 16 secs 517 ms

Number of transactions : 4

Average Throughput : 0.052275967 (request/sec)

Average Transaction Time: 71.0ms

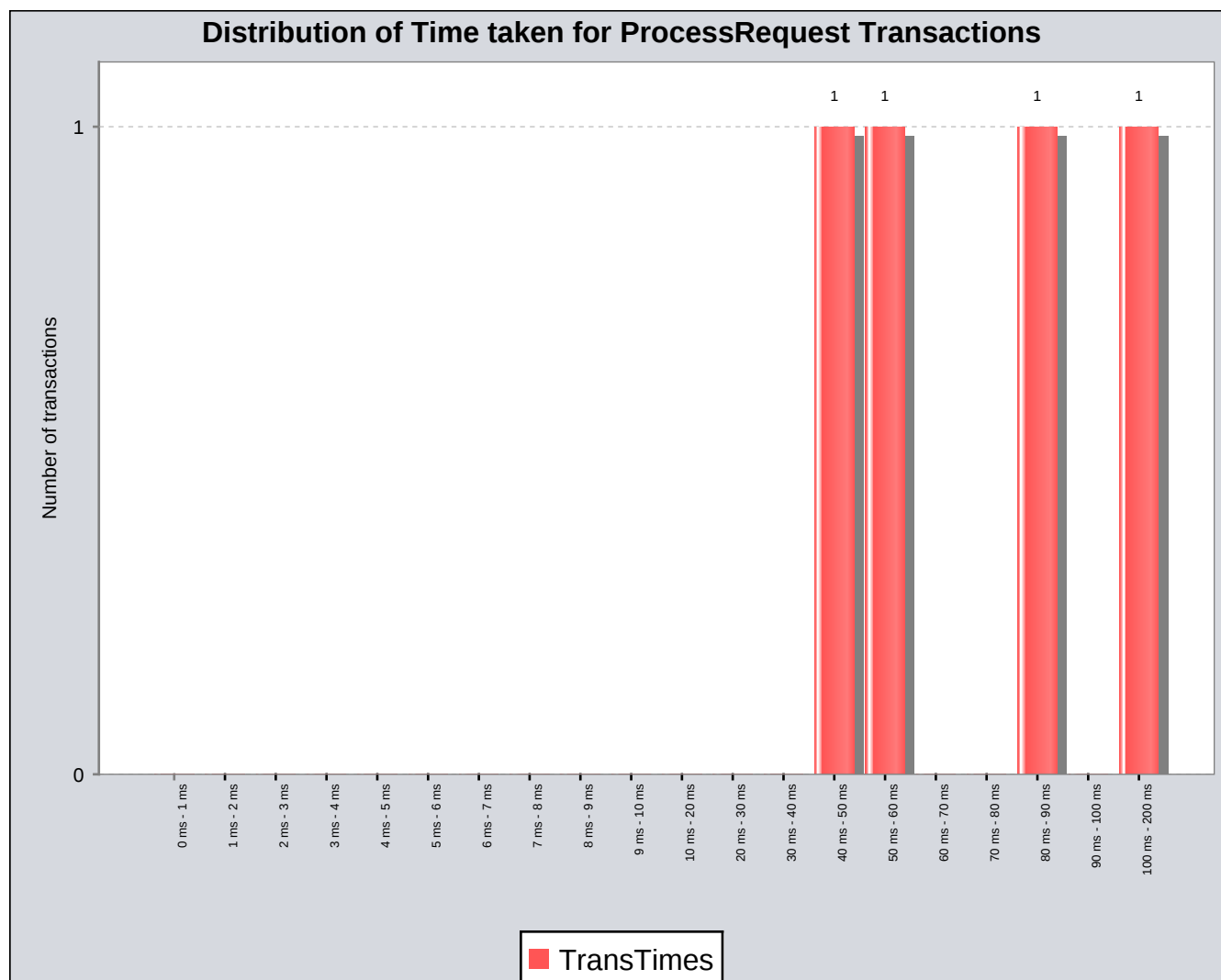
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

5.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

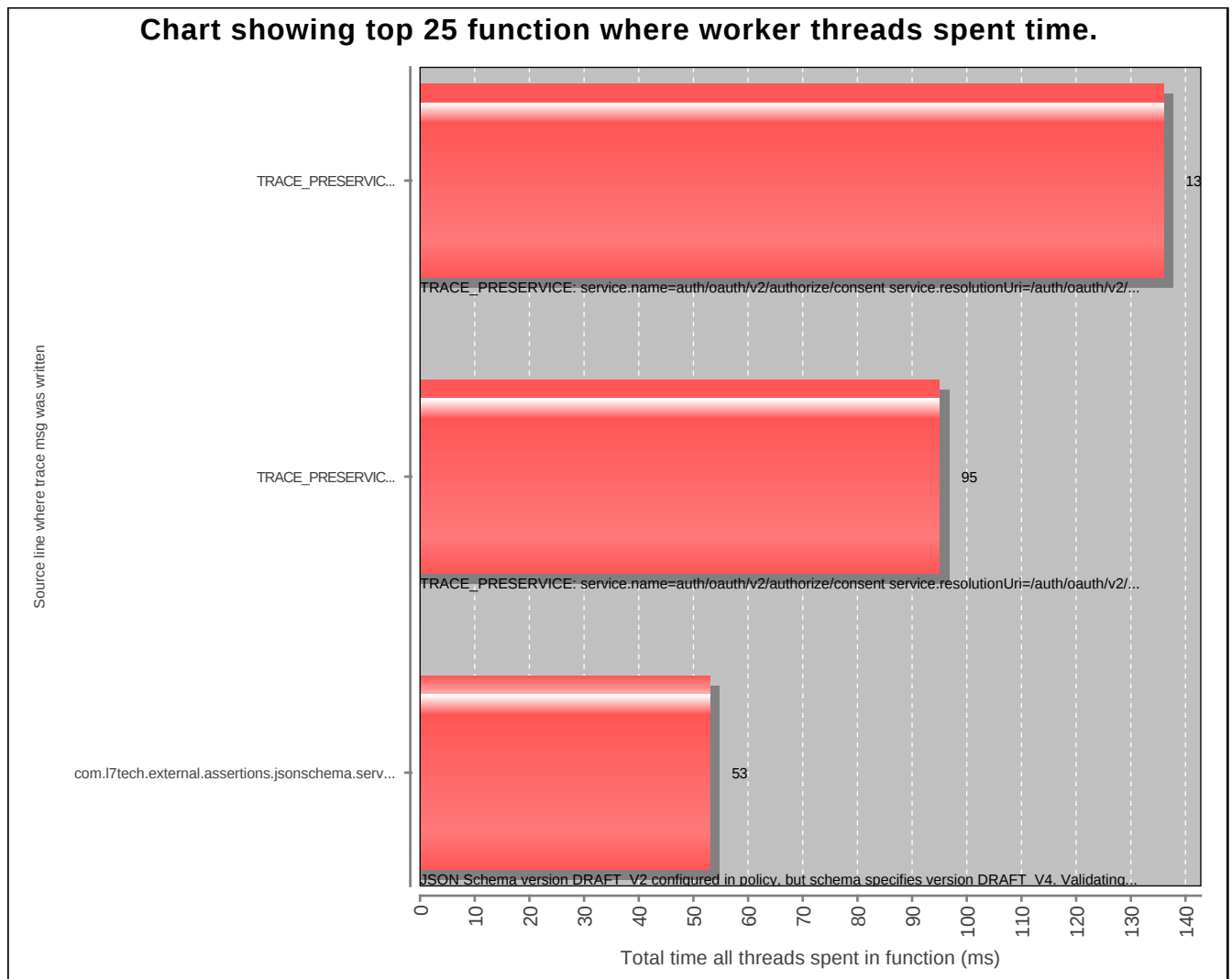
5.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
40 ms - 50 ms	1
50 ms - 60 ms	1
80 ms - 90 ms	1
100 ms - 200 ms	1

5.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

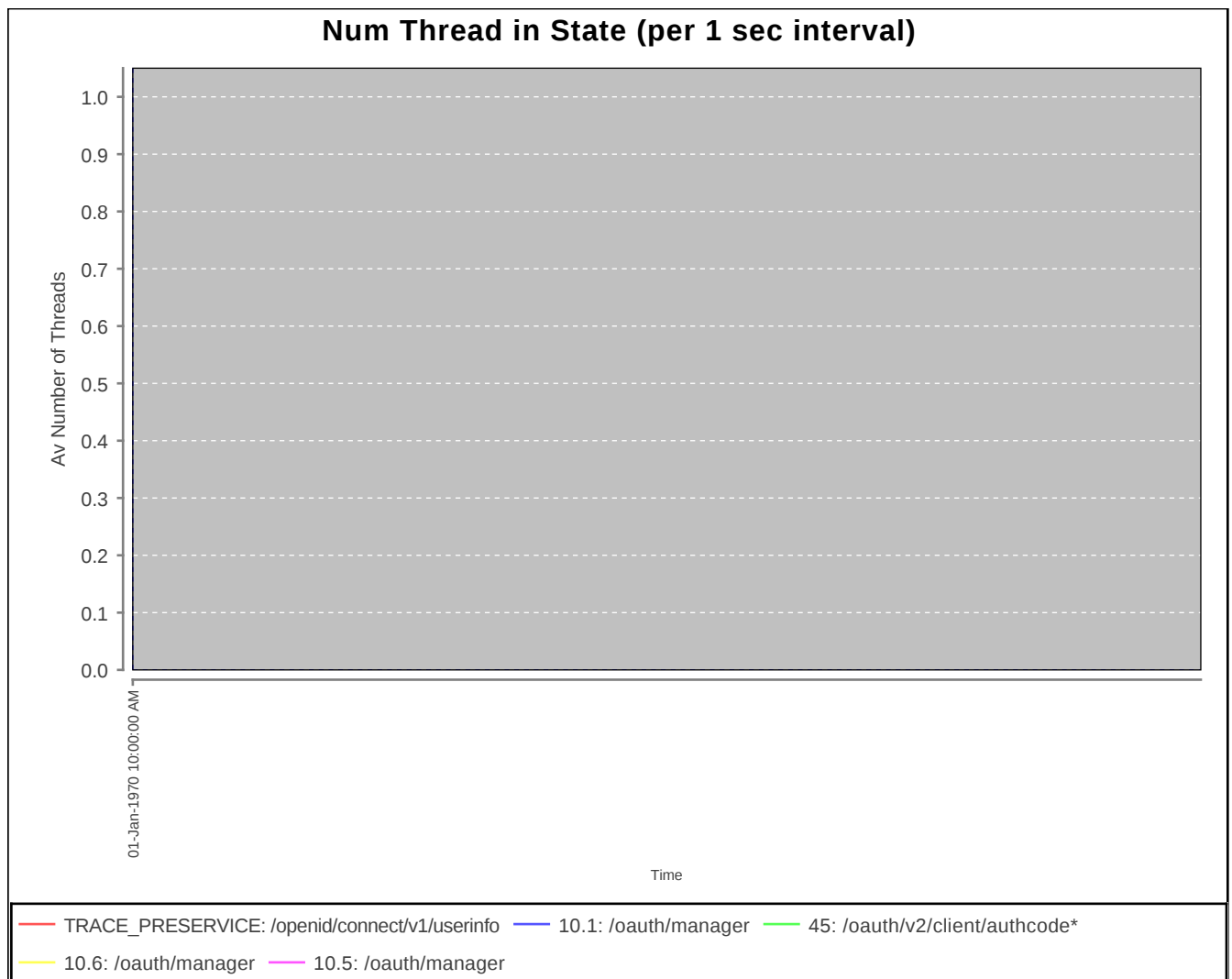
We calculate the delta time between two log entries and assign it to the

5.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - com.I7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:20:10.650+11:00] "POST /auth/oauth/v2/authorize/consent" 0 To com.I7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 Called 2 Times av time: 68.000 ms (min: 57 ms, max: 79 ms),	136
TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/consent - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:19:57.862+11:00] "POST /auth/oauth/v2/authorize/consent" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:19:57.862+11:00] "POST /auth/oauth/v2/authorize/consent" 200 451552 Called 2 Times av time: 47.500 ms (min: 42 ms, max: 53 ms),	95
com.I7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent <i>Sample Transition :</i> From com.I7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/consent - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/consent service.resolutionUri=/auth/oauth/v2/authorize/consent 192.168.154.1 [2018-11-04T14:20:10.650+11:00] "POST /auth/oauth/v2/authorize/consent" 302 0 Called 2 Times av time: 26.500 ms (min: 26 ms, max: 27 ms),	53

5.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

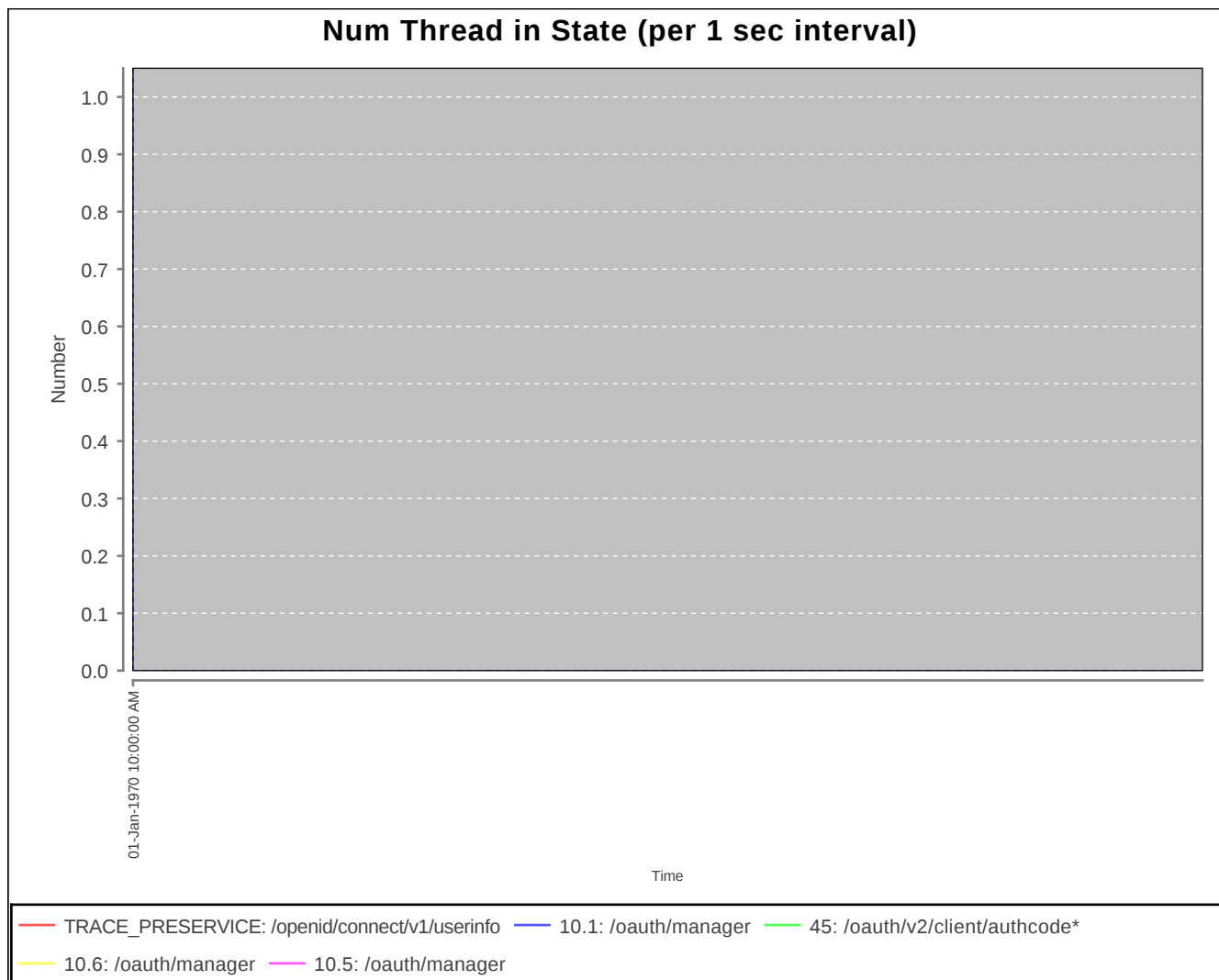
The value shown is the average number of threads, as that gives the best indication of a problem.

For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

5.7. LockDetect_ServiceRequest Table

5.8. LockDetect_Throughput

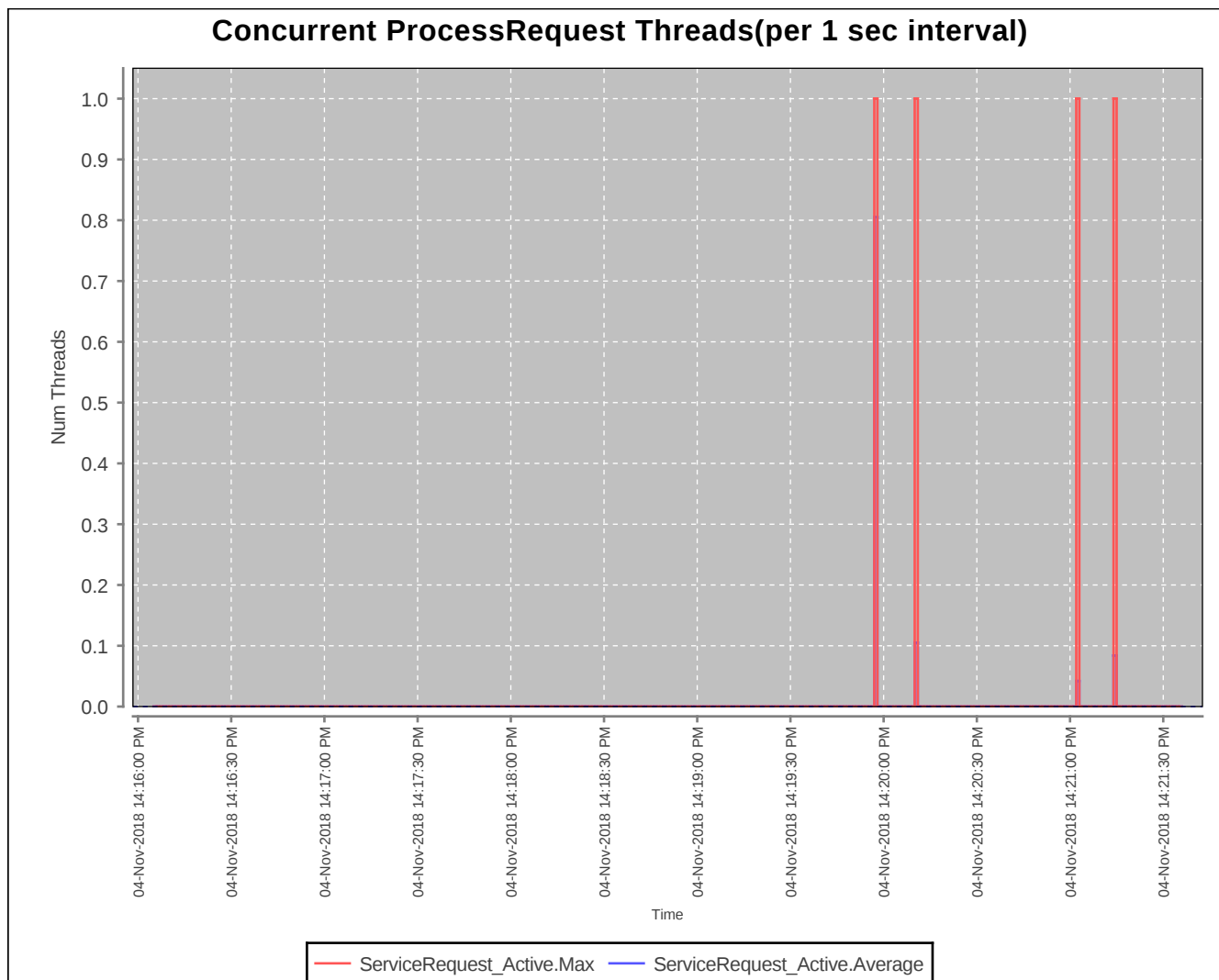
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

5.9. Concurrent_ServiceRequest

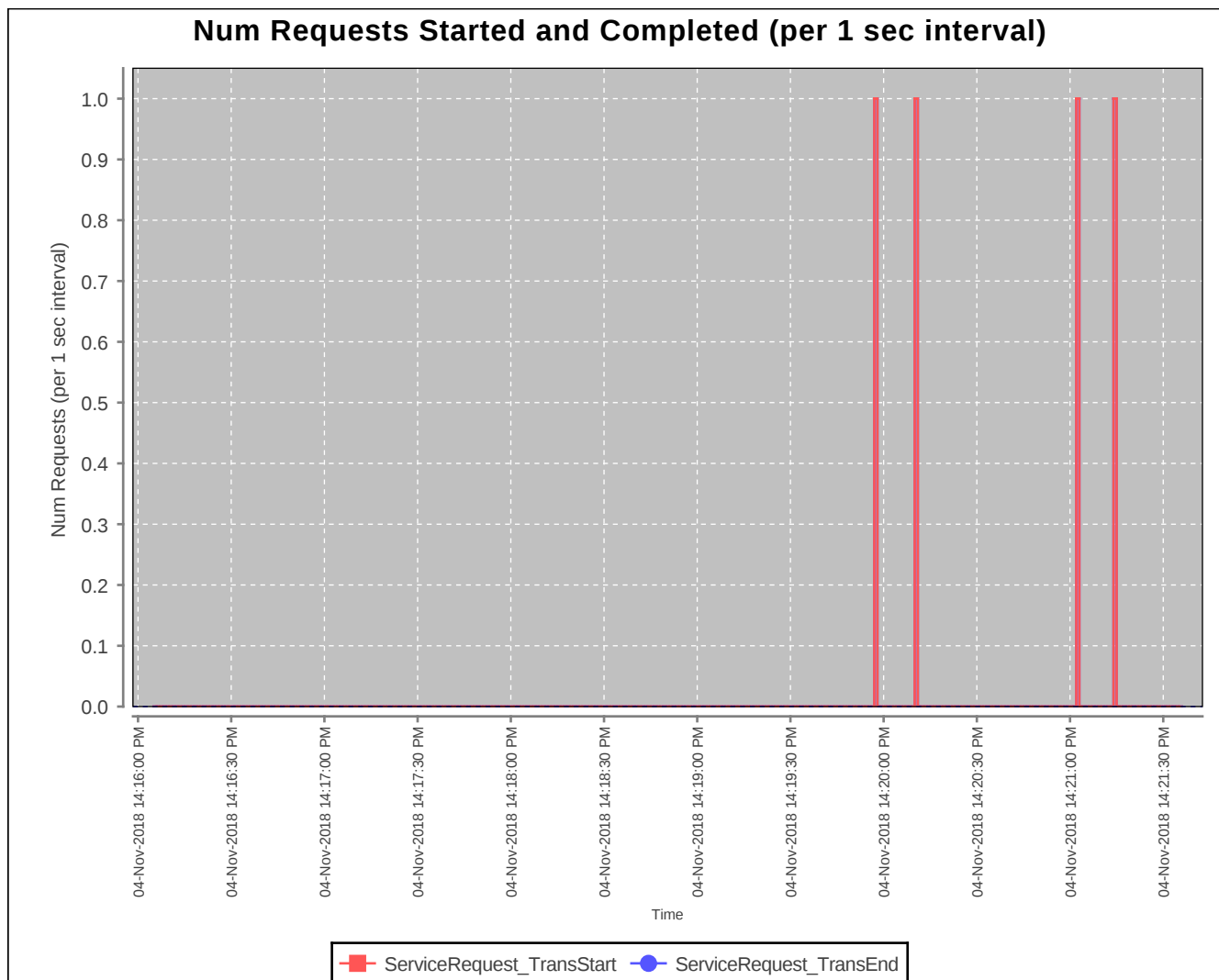
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

5.10. StartAndEnd_ServiceRequest

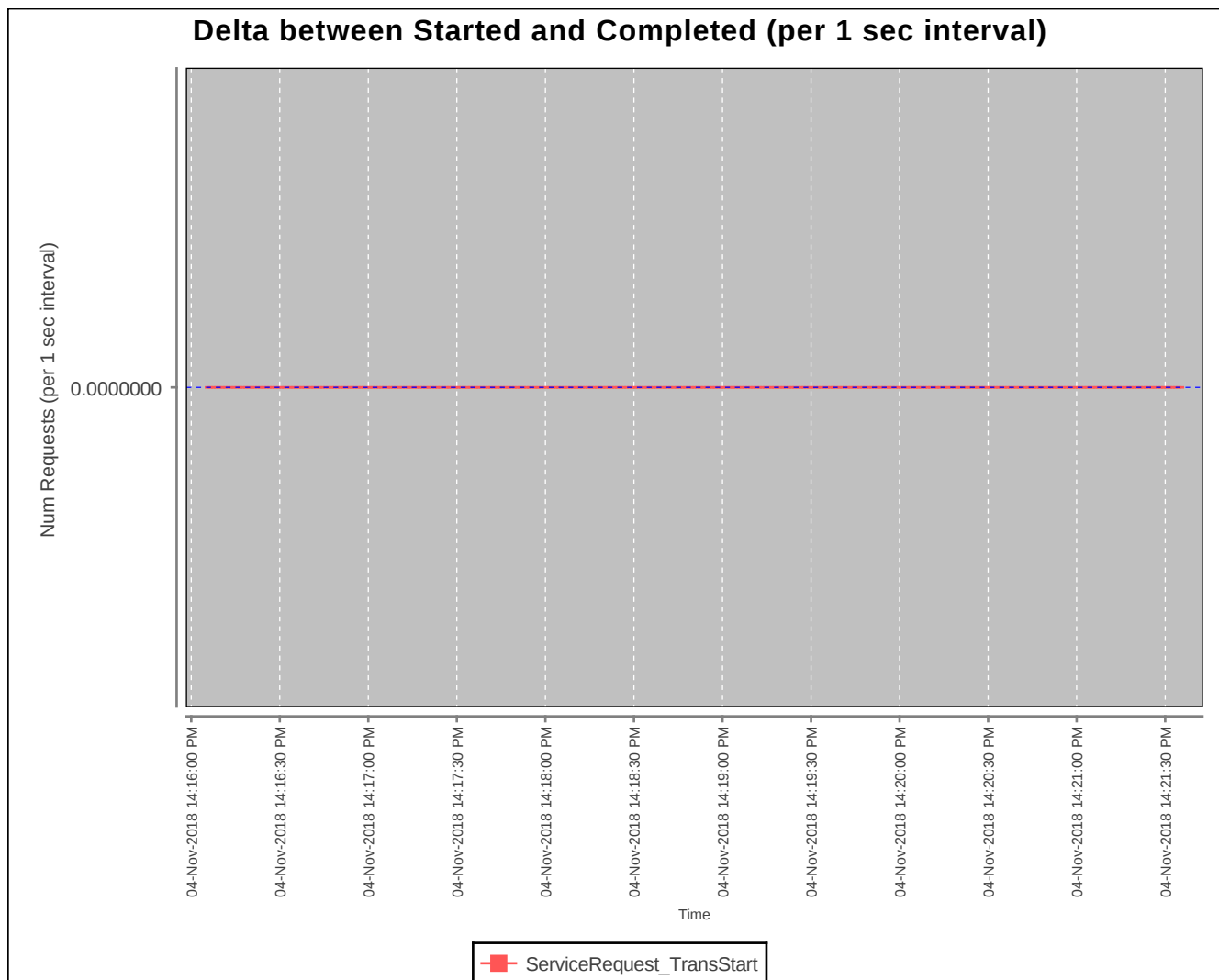
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

5.11. StartAndEndDelta_ServiceRequest

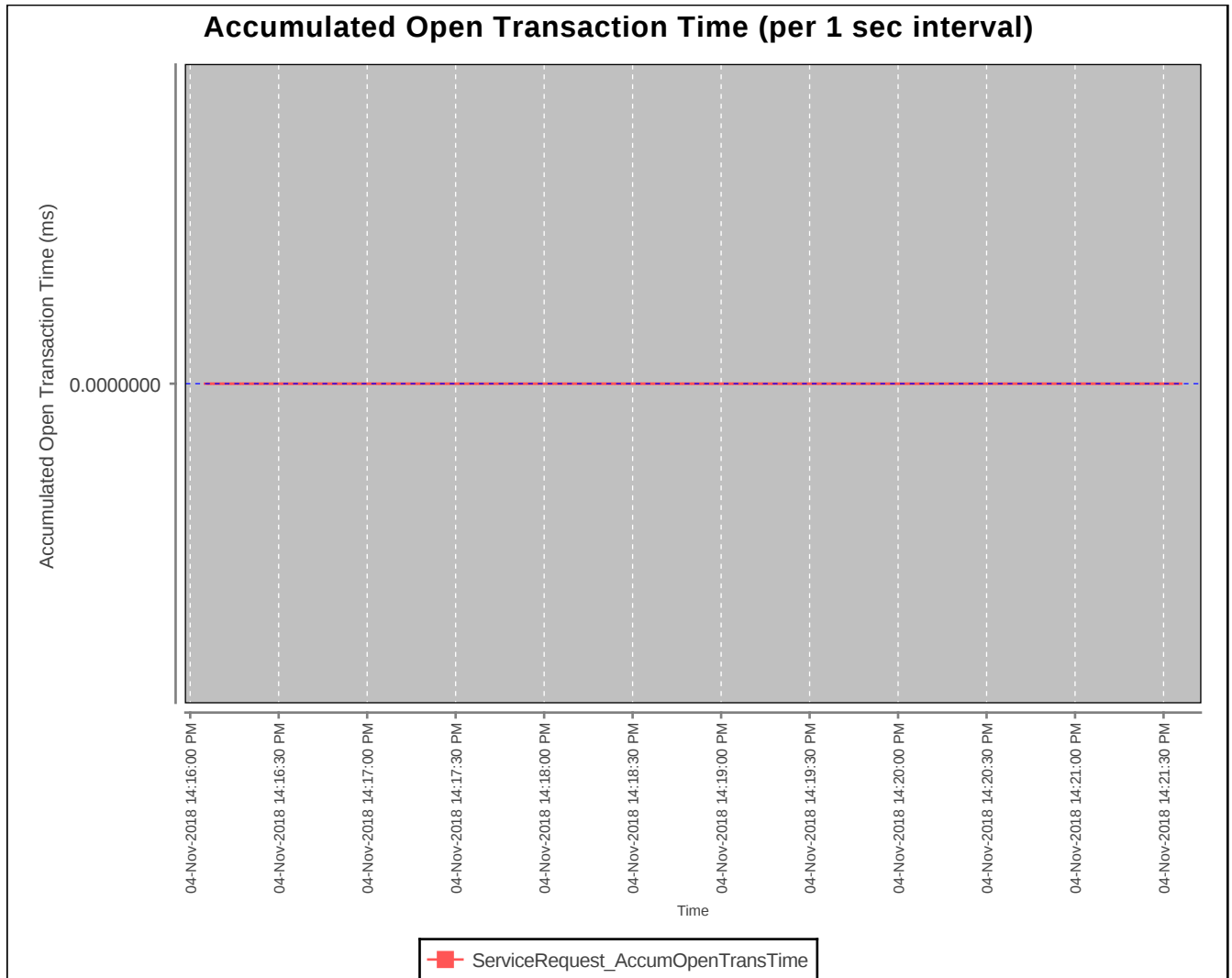
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

5.12. AccumOpenTransTime_ServiceRequest

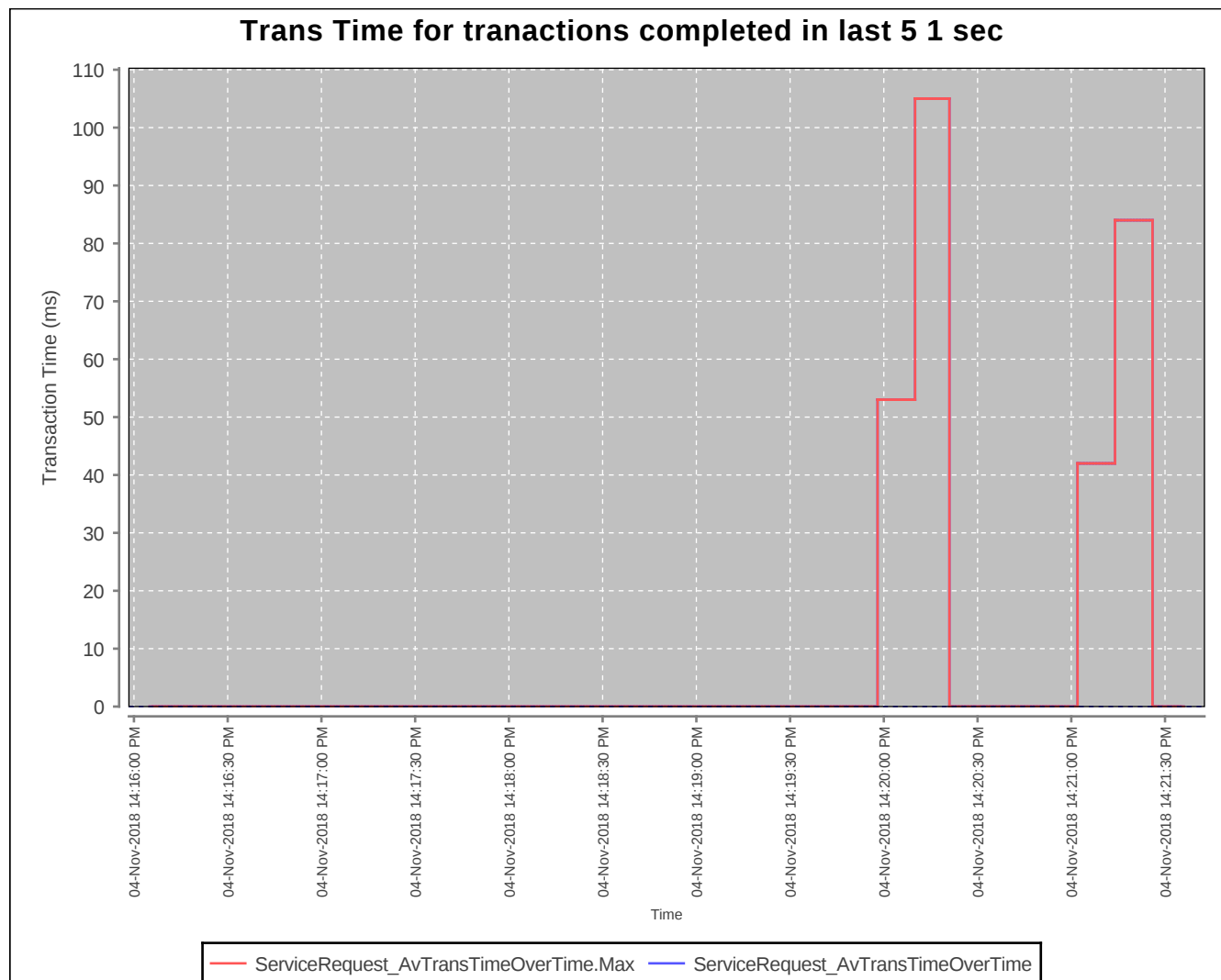
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

5.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

6. Transaction Report : ServiceRequest /oauth/manager

6.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:18:39 AEDT 2018

End Trace Time : Sun Nov 04 14:18:42 AEDT 2018

Trace Time Duration : 3 secs 754 ms

Number of transactions : 3

Average Throughput : 0.7991476 (request/sec)

Average Transaction Time: 408.66666ms

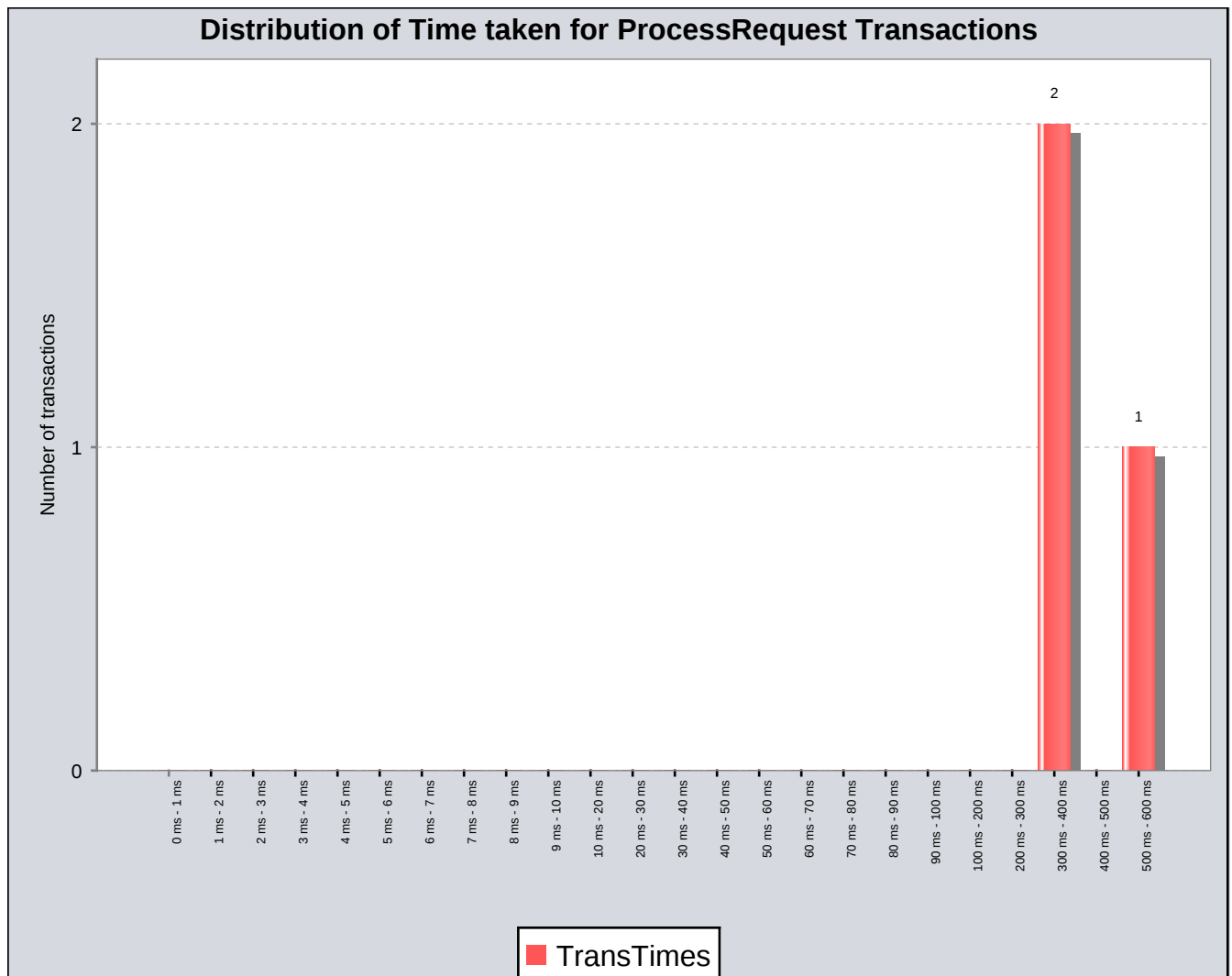
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

6.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

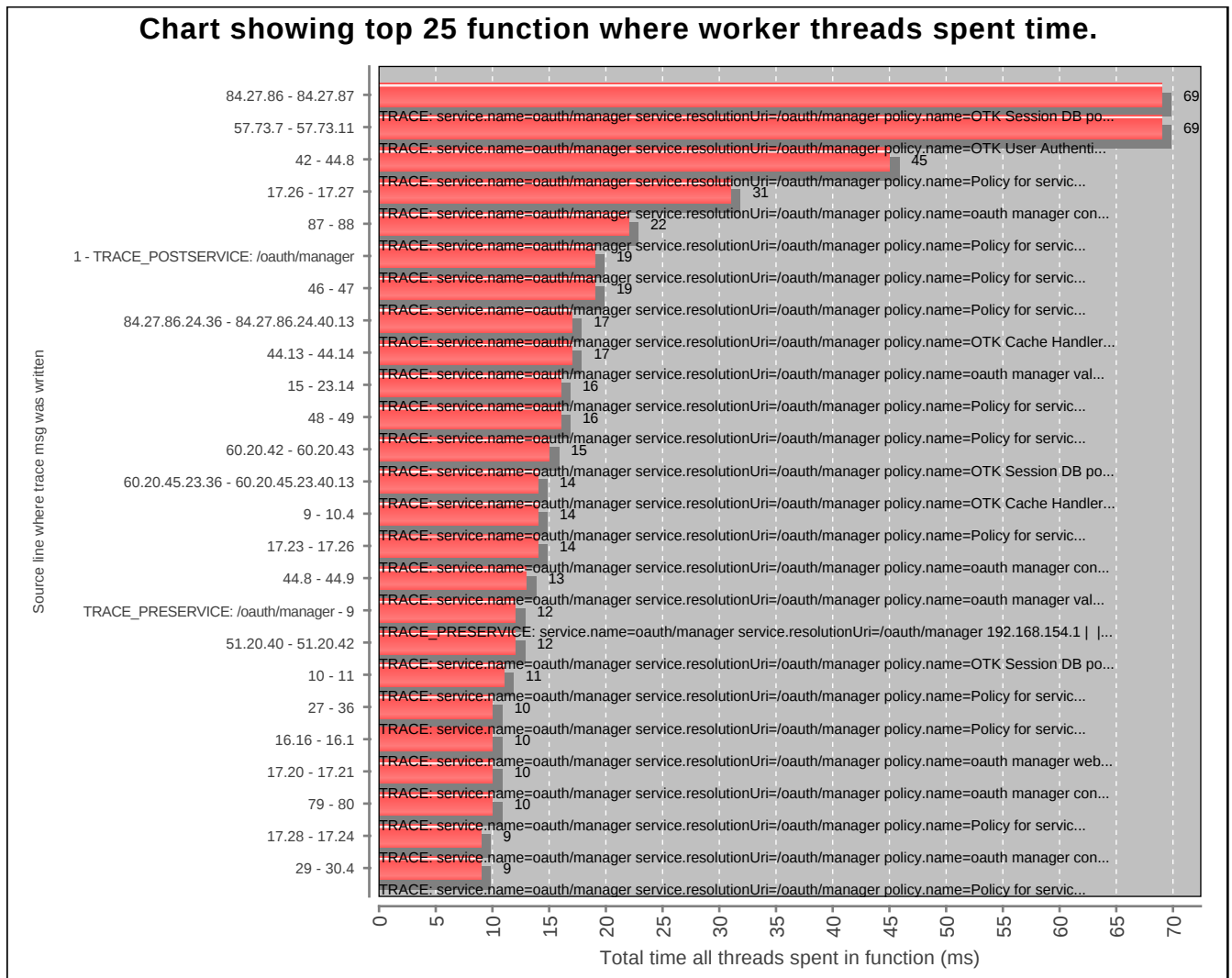
6.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
300 ms - 400 ms	2
500 ms - 600 ms	1

6.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

We calculate the delta time between two log entries and assign it to the

6.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
84.27.86 - 84.27.87 <i>Sample Transition :</i> From 84.27.86: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=84.27.86 assertion.shortname=OTK Cache Remove assertion.start=1541301519484 assertion.latency=53 status=0 To 84.27.87: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=84.27.87 assertion.shortname=Perform JDBC Query assertion.start=1541301519537 assertion.latency=67 status=0 Called 1 Times av time: 69.000 ms (min: 69 ms, max: 69 ms),	69
57.73.7 - 57.73.11 <i>Sample Transition :</i> From 57.73.7: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK User Authentication Extension policy.guid=e2038842-60b3-4fa4-a95a-9039d622cd7e assertion.numberStr=57.73.7 assertion.shortname=Require XPath Credentials assertion.start=1541301522262 assertion.latency=3 status=0 To 57.73.11: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK User Authentication Extension policy.guid=e2038842-60b3-4fa4-a95a-9039d622cd7e assertion.numberStr=57.73.11 assertion.shortname=Authenticate Against Identity Provider assertion.start=1541301522267 assertion.latency=66 status=0 Called 1 Times av time: 69.000 ms (min: 69 ms, max: 69 ms),	69
42 - 44.8 <i>Sample Transition :</i> From 42: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=42 assertion.shortname=Compare Expression assertion.start=1541301519288 assertion.latency=1 status=600 To 44.8: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.8 assertion.shortname=Require HTTP Cookie assertion.start=1541301519291 assertion.latency=42 status=0 Called 2 Times (with 1 taking 0 ms) av time: 22.750 ms (min: 0 ms, max: 45 ms),	45
17.26 - 17.27 <i>Sample Transition :</i> From 17.26: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7bc9f assertion.numberStr=17.26 assertion.shortname=Set Context Variable assertion.start=1541301519187 assertion.latency=0 status=0 To 17.27: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7bc9f assertion.numberStr=17.27 assertion.shortname=Compare Expression assertion.start=1541301519199 assertion.latency=15 status=600 Called 3 Times av time: 10.333 ms (min: 1 ms, max: 25 ms),	31
87 - 88 <i>Sample Transition :</i> From 87: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=87 assertion.shortname=Compare Expression assertion.start=1541301519619 assertion.latency=0 status=0 To 88: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=88 assertion.shortname=Return Template Response to Requestor assertion.start=1541301519620 assertion.latency=17 status=0 Called 1 Times av time: 22.000 ms (min: 22 ms, max: 22 ms),	22
1 - TRACE_POSTSERVICE: /oauth/manager <i>Sample Transition :</i> From 1: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301519089 assertion.latency=558 status=0 To TRACE_POSTSERVICE: /oauth/manager - TRACE_POSTSERVICE: service.name=oauth/manager service.resolutionUri=/oauth/manager 192.168.154.1 [2018-11-04T14:18:39.011+11:00] "GET /oauth/manager" 200 450837 Called 3 Times av time: 6.333 ms (min: 1 ms, max: 10 ms),	19

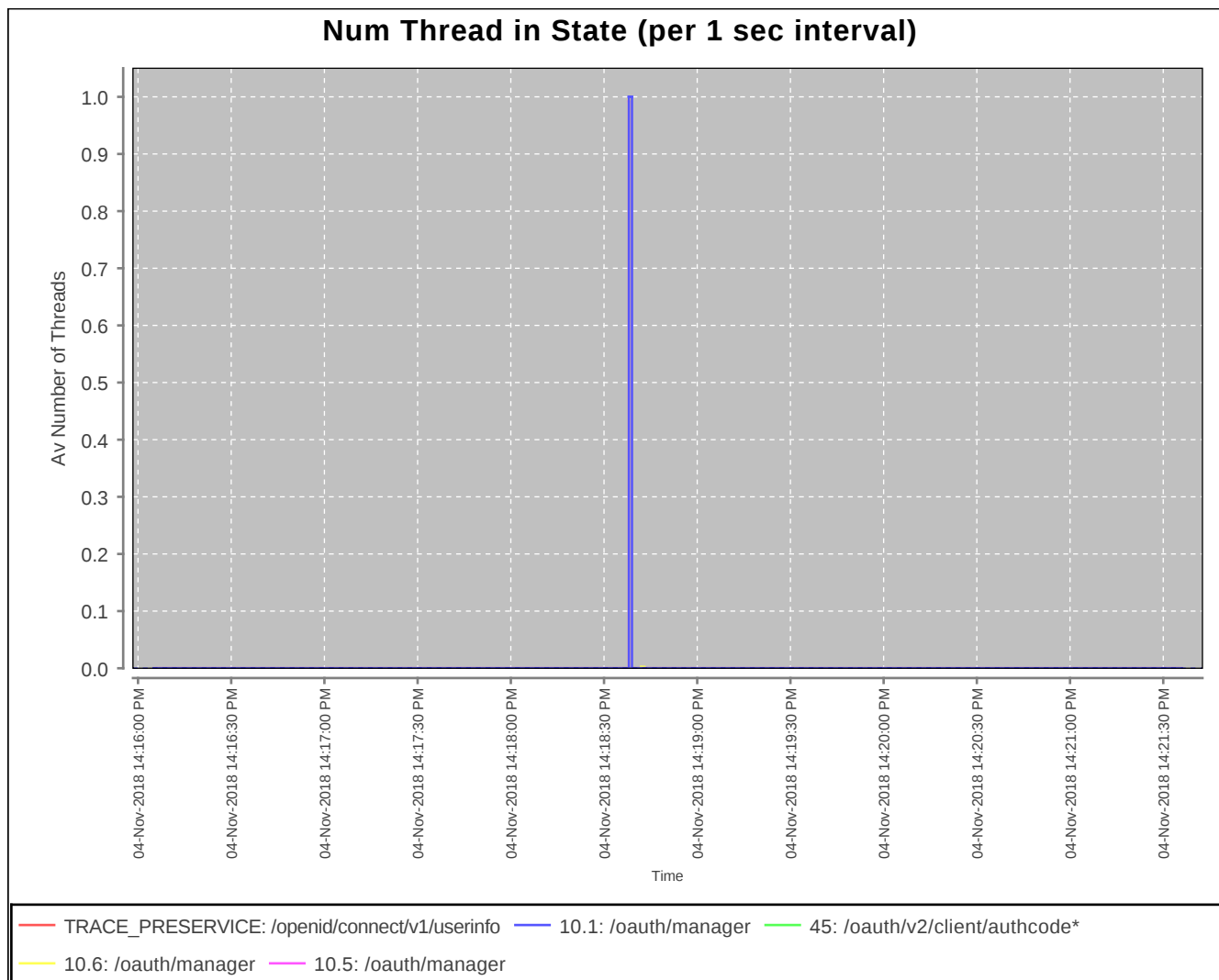
Transition	Total Thread Time (ms)
46 - 47 Sample Transition : From 46: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=46 assertion.shortname=Set Context Variable assertion.start=1541301522685 assertion.latency=0 status=0 To 47: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=47 assertion.shortname=Evaluate Regular Expression assertion.start=1541301522685 assertion.latency=19 status=0 Called 1 Times av time: 19.000 ms (min: 19 ms, max: 19 ms),	19
84.27.86.24.36 - 84.27.86.24.40.13 Sample Transition : From 84.27.86.24.36: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711ffd738d assertion.numberStr=84.27.86.24.36 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301519512 assertion.latency=1 status=0 To 84.27.86.24.40.13: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Cache Store Customization policy.guid=2294fc5e-0adf-4d4b-b44d-8d125f024c9 assertion.numberStr=84.27.86.24.40.13 assertion.shortname=Store to Cache assertion.start=1541301519513 assertion.latency=16 status=0 Called 1 Times av time: 17.000 ms (min: 17 ms, max: 17 ms),	17
44.13 - 44.14 Sample Transition : From 44.13: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.13 assertion.shortname=Set Context Variable assertion.start=1541301519351 assertion.latency=0 status=0 To 44.14: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.14 assertion.shortname=Generate Security Hash assertion.start=1541301519352 assertion.latency=11 status=0 Called 2 Times (with 1 taking 0 ms) av time: 8.750 ms (min: 0 ms, max: 17 ms),	17
15 - 23.14 Sample Transition : From 15: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=15 assertion.shortname=All assertions must evaluate to true assertion.start=1541301519132 assertion.latency=110 status=0 To 23.14: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Require SSL (with Client Certificate) policy.guid=b598a733-5faf-439a-9aaf-088ca73d102e assertion.numberStr=23.14 assertion.shortname=Compare Expression assertion.start=1541301519250 assertion.latency=1 status=600 Called 3 Times (with 1 taking 0 ms) av time: 5.500 ms (min: 0 ms, max: 10 ms),	16
48 - 49 Sample Transition : From 48: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=48 assertion.shortname=Set Context Variable assertion.start=1541301522705 assertion.latency=0 status=0 To 49: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=49 assertion.shortname=Evaluate Regular Expression assertion.start=1541301522706 assertion.latency=16 status=0 Called 1 Times av time: 16.000 ms (min: 16 ms, max: 16 ms),	16
60.20.42 - 60.20.43 Sample Transition : From 60.20.42: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=60.20.42 assertion.shortname=Perform JDBC Query assertion.start=1541301522398 assertion.latency=9 status=601 To 60.20.43: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=60.20.43 assertion.shortname=Perform JDBC Query assertion.start=1541301522407 assertion.latency=14 status=0 Called 1 Times av time: 15.000 ms (min: 15 ms, max: 15 ms),	15

Transition	Total Thread Time (ms)
60.20.45.23.36 - 60.20.45.23.40.13 <i>Sample Transition :</i> From 60.20.45.23.36: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711ffd738d assertion.numberStr=60.20.45.23.36 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301522435 assertion.latency=1 status=0 To 60.20.45.23.40.13: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Cache Store Customization policy.guid=2294fc5e-0adf-4d4b-b44d-8d1252f024c9 assertion.numberStr=60.20.45.23.40.13 assertion.shortname=Store to Cache assertion.start=1541301522436 assertion.latency=13 status=0 Called 1 Times av time: 14.000 ms (min: 14 ms, max: 14 ms),	14
9 - 10.4 <i>Sample Transition :</i> From 9: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=9 assertion.shortname=Customize Error Response assertion.start=1541301519089 assertion.latency=1 status=0 To 10.4: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.4 assertion.shortname=Manage Transport Properties/Headers assertion.start=1541301519093 assertion.latency=5 status=0 Called 3 Times av time: 4.667 ms (min: 1 ms, max: 10 ms),	14
17.23 - 17.26 <i>Sample Transition :</i> From 17.23: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=17.23 assertion.shortname=Include Policy Fragment assertion.start=1541301519184 assertion.latency=1 status=0 To 17.26: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=17.26 assertion.shortname=Set Context Variable assertion.start=1541301519187 assertion.latency=0 status=0 Called 3 Times (with 1 taking 0 ms) av time: 4.833 ms (min: 0 ms, max: 8 ms),	14
44.8 - 44.9 <i>Sample Transition :</i> From 44.8: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.8 assertion.shortname=Require HTTP Cookie assertion.start=1541301519291 assertion.latency=42 status=0 To 44.9: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=44.9 assertion.shortname=Encode/Decode Data assertion.start=1541301519336 assertion.latency=5 status=0 Called 2 Times av time: 6.500 ms (min: 1 ms, max: 12 ms),	13
TRACE_PRESERVICE: /oauth/manager - 9 <i>Sample Transition :</i> From TRACE_PRESERVICE: /oauth/manager - TRACE_PRESERVICE: service.name=oauth/manager service.resolutionUri=/oauth/manager 192.168.154.1 [2018-11-04T14:18:39.011+11:00] "GET /oauth/manager" 0 To 9: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=9 assertion.shortname=Customize Error Response assertion.start=1541301519089 assertion.latency=1 status=0 Called 3 Times av time: 4.000 ms (min: 1 ms, max: 7 ms),	12
51.20.40 - 51.20.42 <i>Sample Transition :</i> From 51.20.40: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=51.20.40 assertion.shortname=Set Context Variable assertion.start=1541301522759 assertion.latency=0 status=0 To 51.20.42: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=51.20.42 assertion.shortname=Perform JDBC Query assertion.start=1541301522760 assertion.latency=11 status=0 Called 1 Times av time: 12.000 ms (min: 12 ms, max: 12 ms),	12

Transition	Total Thread Time (ms)
10 - 11 <i>Sample Transition :</i> From 10: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=10 assertion.shortname=Include Policy Fragment assertion.start=1541301519093 assertion.latency=16 status=0 To 11: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=11 assertion.shortname=Set Context Variable assertion.start=1541301519118 assertion.latency=0 status=0 Called 3 Times av time: 3.667 ms (min: 1 ms, max: 9 ms),	11
27 - 36 <i>Sample Transition :</i> From 27: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=27 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301519264 assertion.latency=13 status=0 To 36: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=36 assertion.shortname=Apply Rate Limit assertion.start=1541301519278 assertion.latency=7 status=0 Called 3 Times (with 1 taking 0 ms) av time: 3.500 ms (min: 0 ms, max: 9 ms),	10
16.16 - 16.1 <i>Sample Transition :</i> From 16.16: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager website brand logo policy.guid=054e5792-882a-4d7c-8294-5b2f6bee588b assertion.numberStr=16.16 assertion.shortname=Export Variables from Fragment assertion.start=1541301519144 assertion.latency=1 status=0 To 16.1: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager website brand logo policy.guid=054e5792-882a-4d7c-8294-5b2f6bee588b assertion.numberStr=16.1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301519132 assertion.latency=21 status=0 Called 3 Times (with 1 taking 0 ms) av time: 3.500 ms (min: 0 ms, max: 9 ms),	10
17.20 - 17.21 <i>Sample Transition :</i> From 17.20: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7bc9f assertion.numberStr=17.20 assertion.shortname=Set Context Variable assertion.start=1541301519174 assertion.latency=0 status=0 To 17.21: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7bc9f assertion.numberStr=17.21 assertion.shortname=Set Context Variable assertion.start=1541301519177 assertion.latency=1 status=0 Called 3 Times (with 1 taking 0 ms) av time: 3.500 ms (min: 0 ms, max: 7 ms),	10
79 - 80 <i>Sample Transition :</i> From 79: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=79 assertion.shortname=Compare Expression assertion.start=1541301522818 assertion.latency=1 status=0 To 80: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea4e, oauth/manager policy.guid=46878404-1791-4ee9-a47f-77c32561bf80 assertion.numberStr=80 assertion.shortname=Return Template Response to Requestor assertion.start=1541301522819 assertion.latency=10 status=0 Called 1 Times av time: 10.000 ms (min: 10 ms, max: 10 ms),	10
17.28 - 17.24 <i>Sample Transition :</i> From 17.28: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7bc9f assertion.numberStr=17.28 assertion.shortname=Set Context Variable assertion.start=1541301519220 assertion.latency=0 status=0 To 17.24: /oauth/manager - TRACE: service.name=oauth/manager service.resolutionUri=/oauth/manager policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7bc9f assertion.numberStr=17.24 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301519186 assertion.latency=35 status=0 Called 3 Times av time: 3.000 ms (min: 1 ms, max: 7 ms),	9

6.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

The value shown is the average number of threads, as that gives the best indication of a problem.

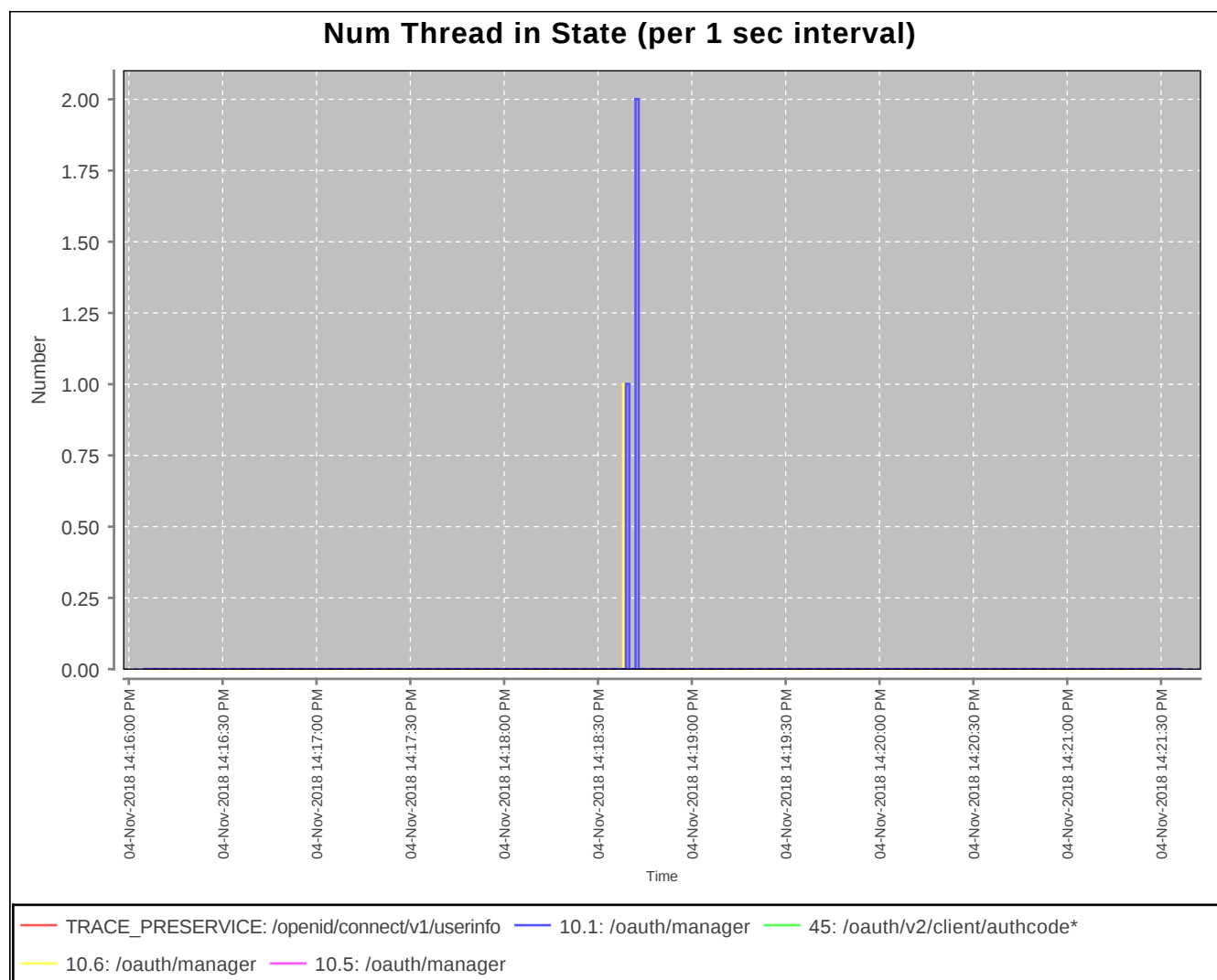
For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

6.7. LockDetect_ServiceRequest Table

Transition	Total Thread Time (ms)
10.1: /oauth/manager <i>Sample Msg: TRACE: service.name=oauth/manager</i> <i>service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension</i> <i>policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.1</i> <i>assertion.shortname=All assertions must evaluate to true assertion.start=1541301519093</i> <i>assertion.latency=13 status=0</i> Called 3 Times (with 2 taking 0 ms) av time: 1.667 ms (min: 0 ms, max: 4 ms),	4
10.6: /oauth/manager <i>Sample Msg: TRACE: service.name=oauth/manager</i> <i>service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension</i> <i>policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.6</i> <i>assertion.shortname=Manage Transport Properties/Headers</i> <i>assertion.start=1541301519104 assertion.latency=0 status=0</i> Called 3 Times av time: 1.667 ms (min: 1 ms, max: 3 ms),	5
10.5: /oauth/manager <i>Sample Msg: TRACE: service.name=oauth/manager</i> <i>service.resolutionUri=/oauth/manager policy.name=OTK Security Header Extension</i> <i>policy.guid=9f29a8bd-912e-40a5-a48c-3b6f8aa40ac6 assertion.numberStr=10.5</i> <i>assertion.shortname=Manage Transport Properties/Headers</i> <i>assertion.start=1541301519102 assertion.latency=0 status=0</i> Called 3 Times (with 1 taking 0 ms) av time: 1.167 ms (min: 0 ms, max: 2 ms),	3

6.8. LockDetect_Throughput

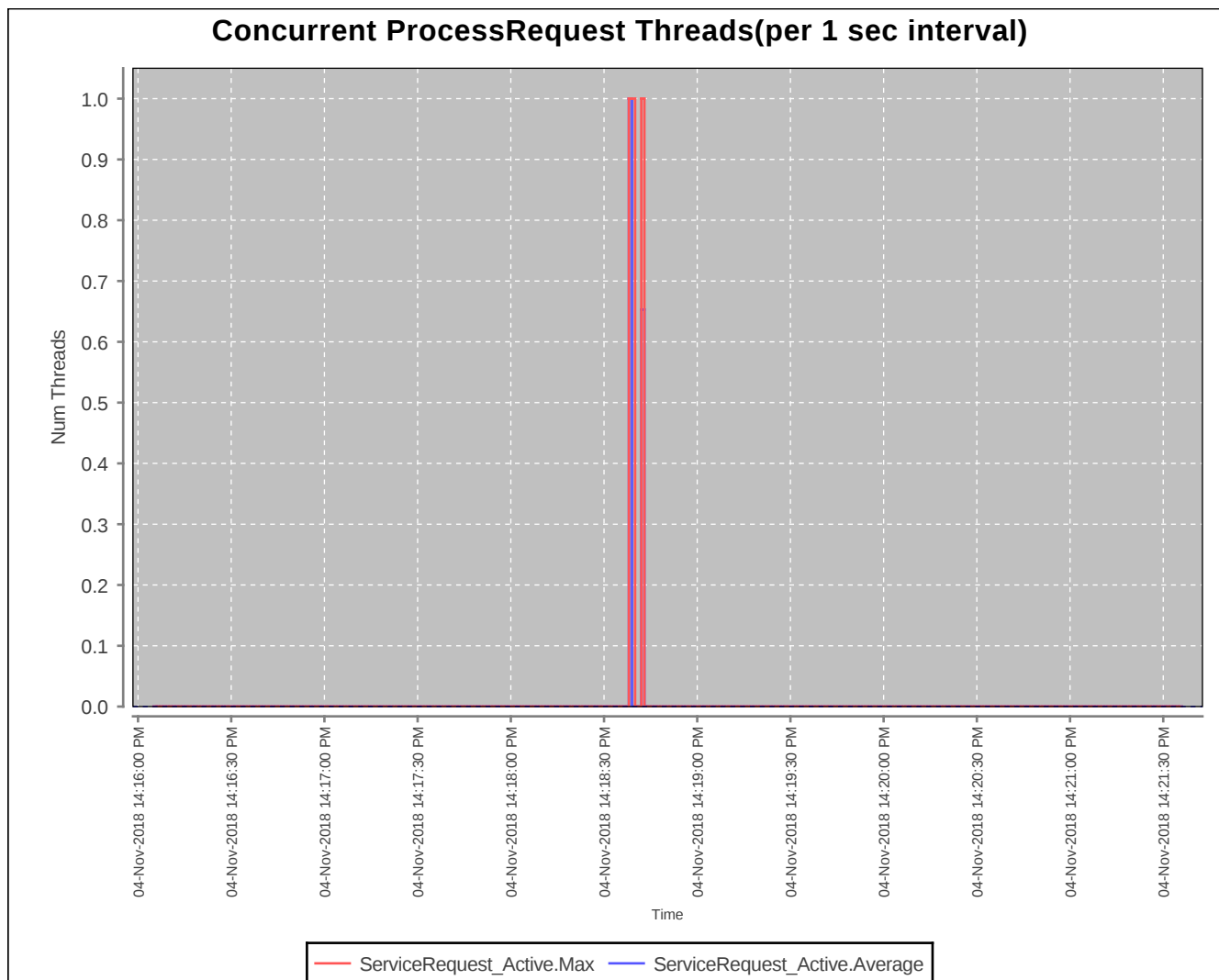
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

6.9. Concurrent_ServiceRequest

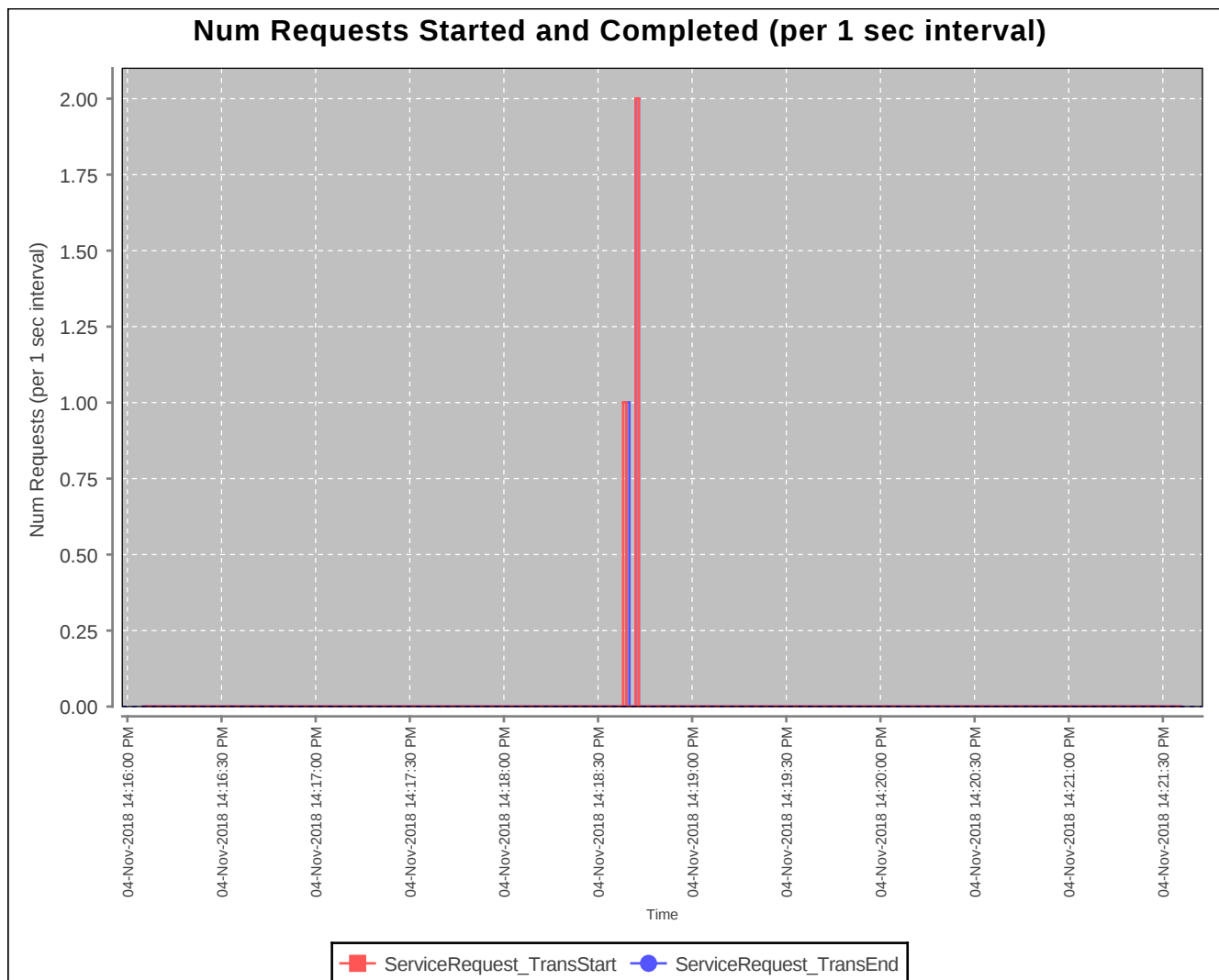
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

6.10. StartAndEnd_ServiceRequest

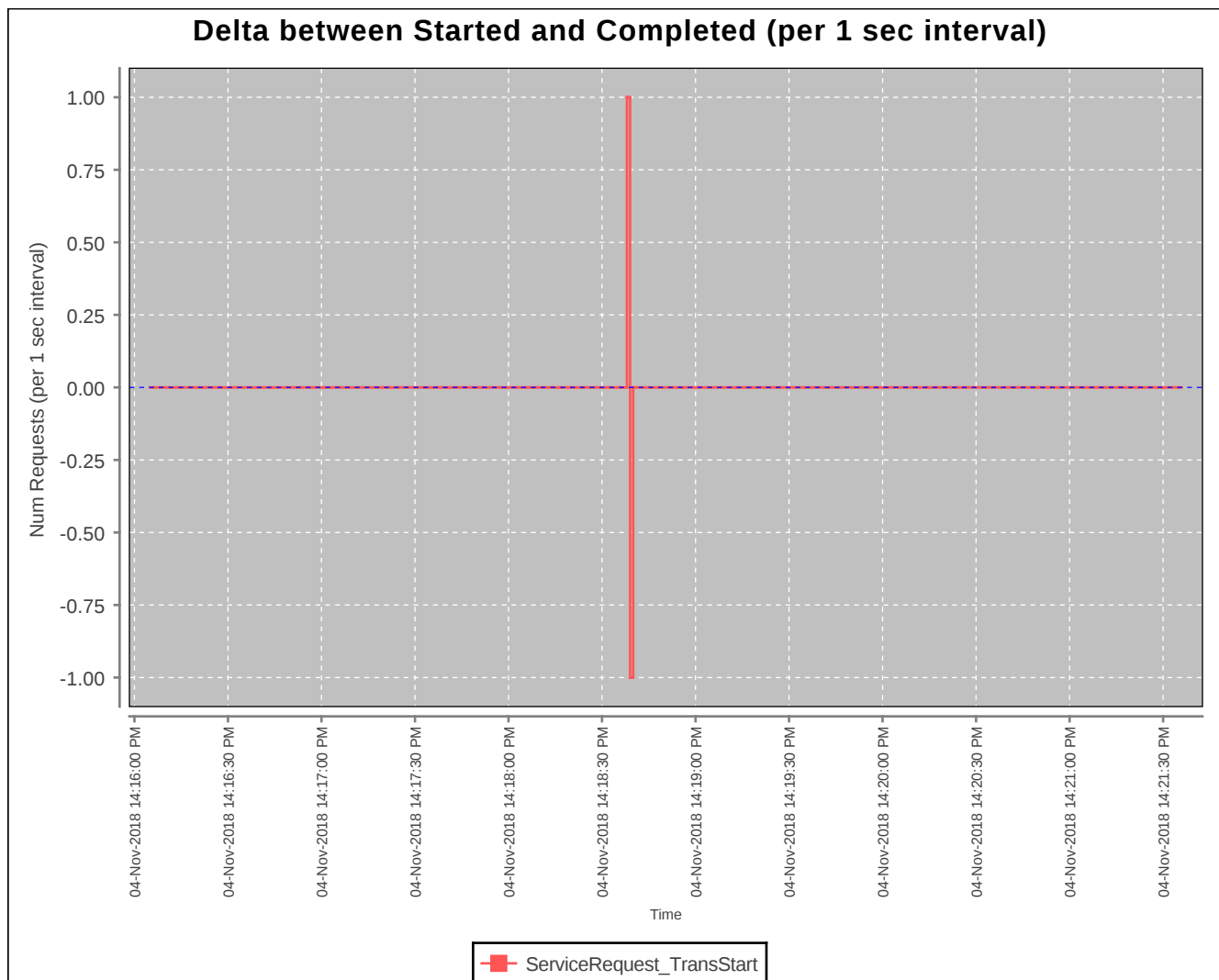
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

6.11. StartAndEndDelta_ServiceRequest

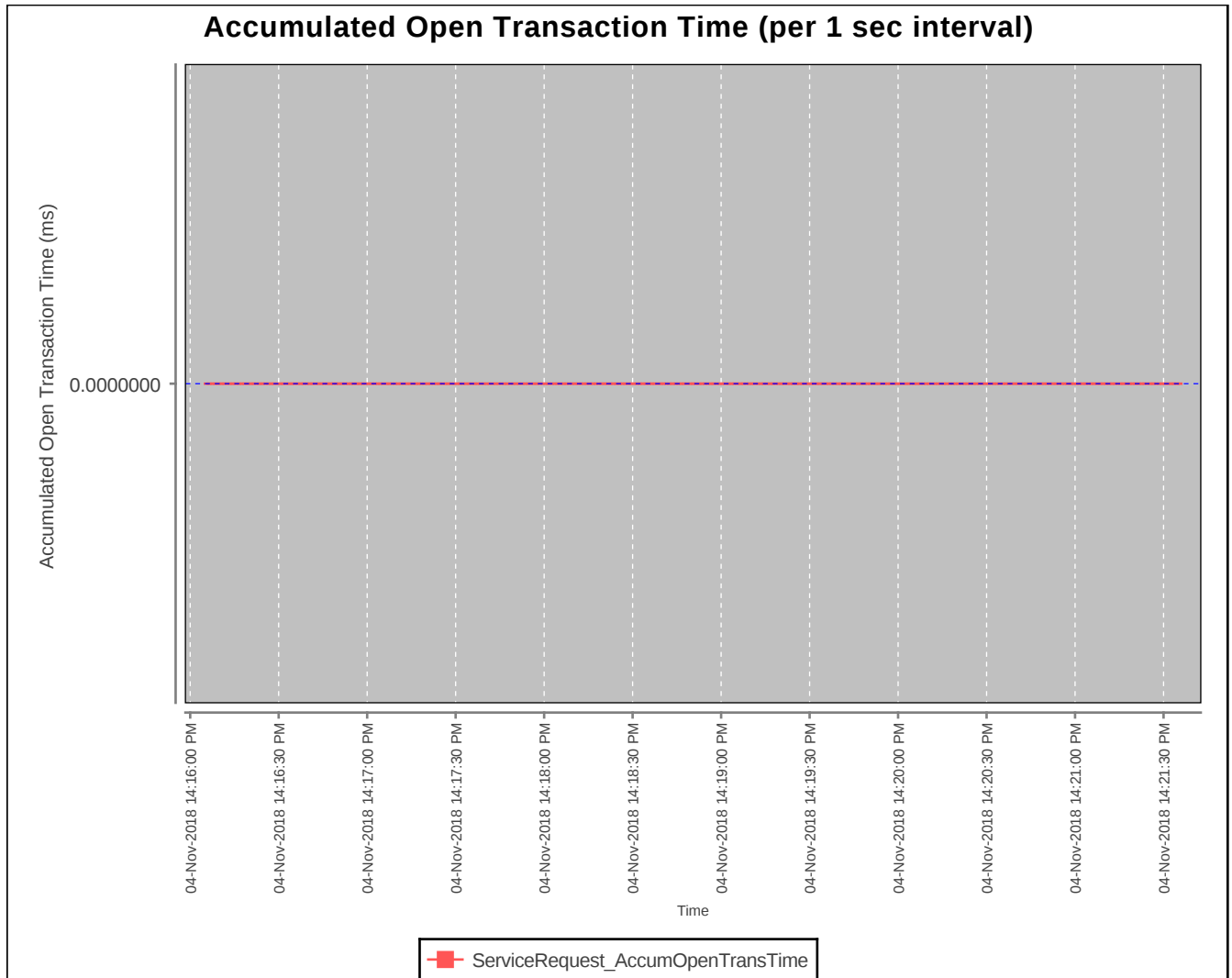
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

6.12. AccumOpenTransTime_ServiceRequest

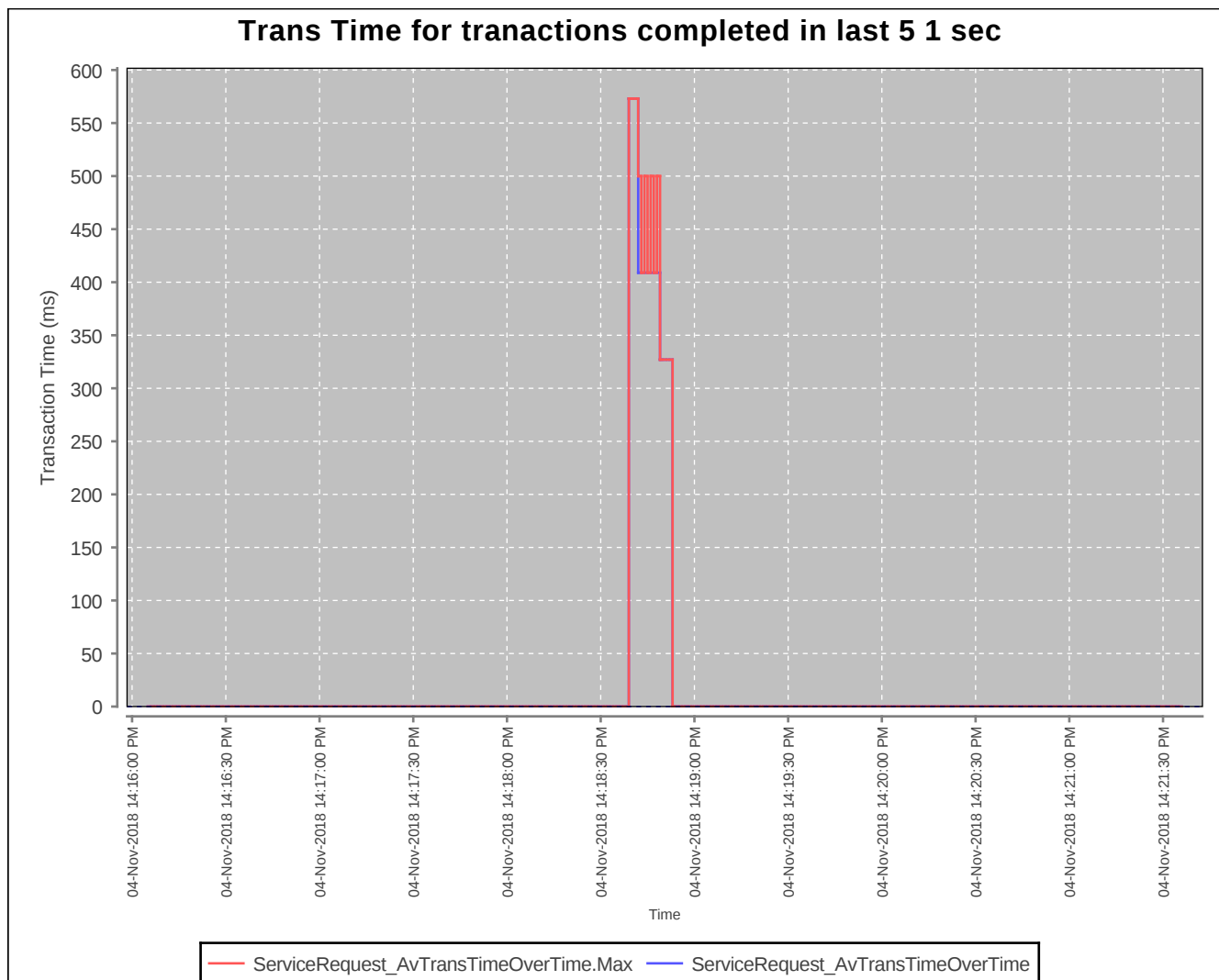
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

6.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

7. Transaction Report : ServiceRequest /oauth/v2/client/bcp

7.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:20:48 AEDT 2018

End Trace Time : Sun Nov 04 14:21:15 AEDT 2018

Trace Time Duration : 26 secs 541 ms

Number of transactions : 4

Average Throughput : 0.15071023 (request/sec)

Average Transaction Time: 176.0ms

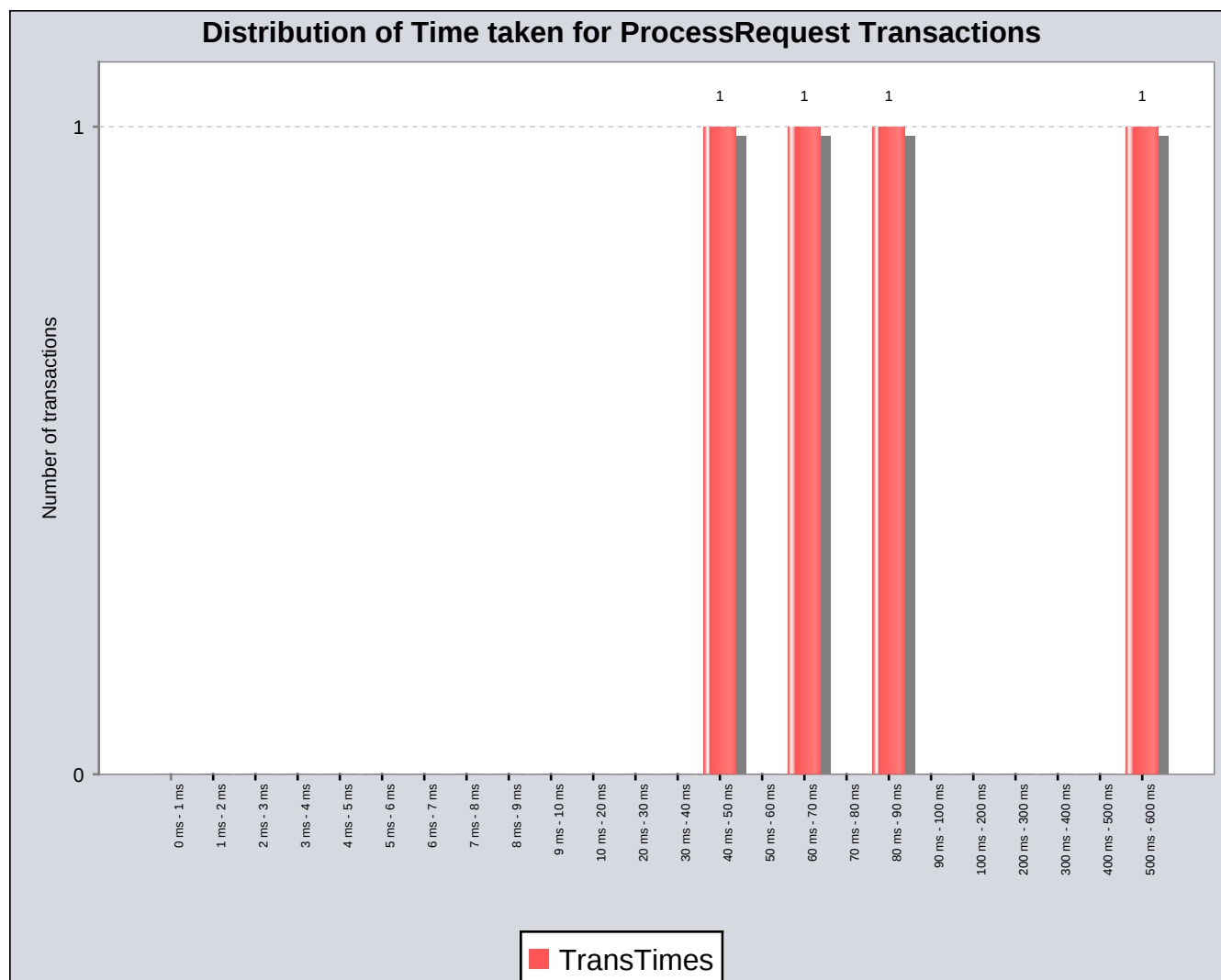
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

7.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

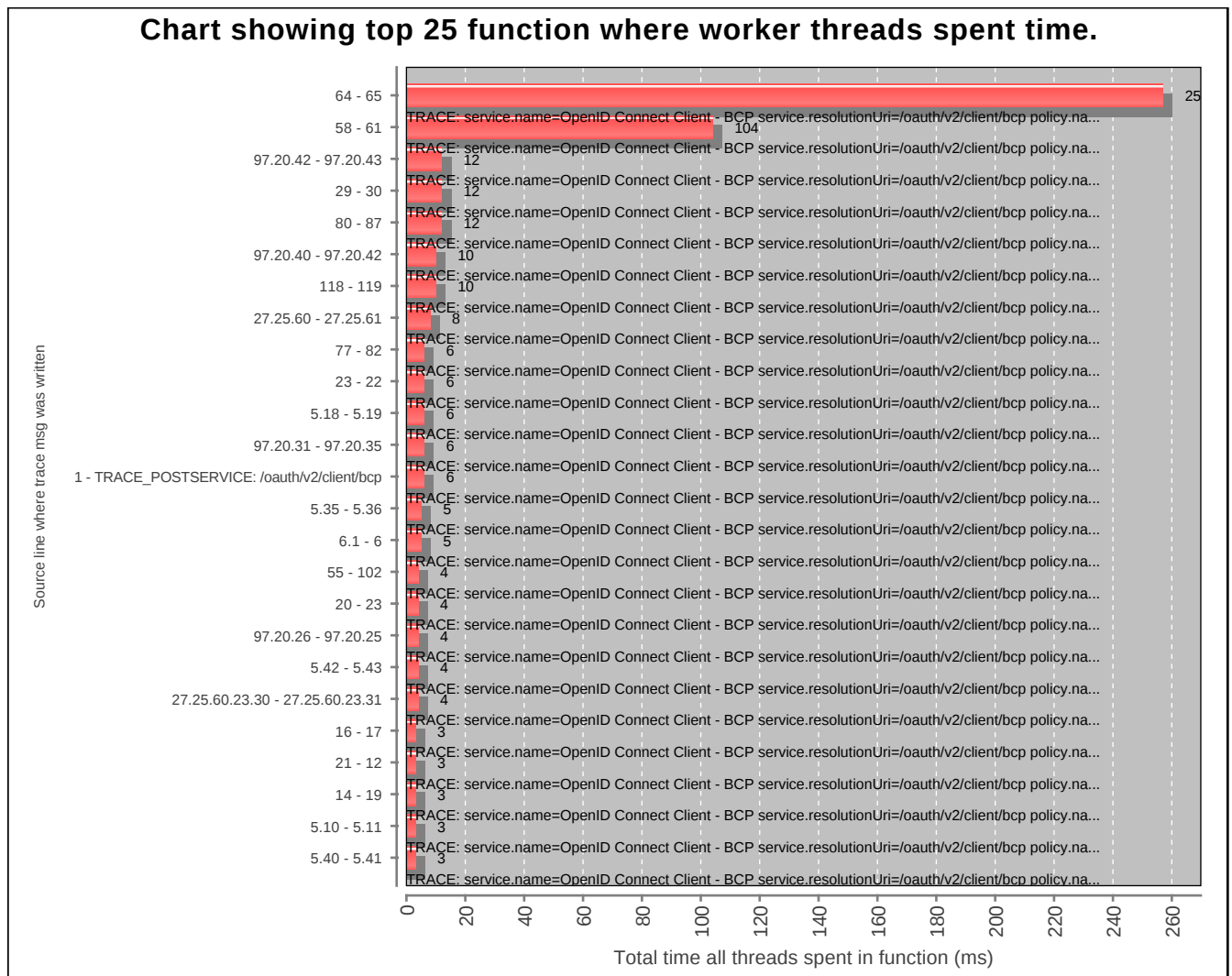
7.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
40 ms - 50 ms	1
60 ms - 70 ms	1
80 ms - 90 ms	1
500 ms - 600 ms	1

7.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

We calculate the delta time between two log entries and assign it to the

7.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
64 - 65 <i>Sample Transition :</i> From 64: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=64 assertion.shortname=Set Context Variable assertion.start=1541301674546 assertion.latency=0 status=0 To 65: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=65 assertion.shortname=Route via HTTP(S) assertion.start=1541301674546 assertion.latency=255 status=0 Called 1 Times av time: 257.000 ms (min: 257 ms, max: 257 ms),	257
58 - 61 <i>Sample Transition :</i> From 58: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=58 assertion.shortname=Compare Expression assertion.start=1541301674439 assertion.latency=1 status=0 To 61: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=61 assertion.shortname=Protect Against Message Replay assertion.start=1541301674441 assertion.latency=103 status=0 Called 1 Times av time: 104.000 ms (min: 104 ms, max: 104 ms),	104
97.20.42 - 97.20.43 <i>Sample Transition :</i> From 97.20.42: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=97.20.42 assertion.shortname=Perform JDBC Query assertion.start=1541301674857 assertion.latency=9 status=601 To 97.20.43: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=97.20.43 assertion.shortname=Perform JDBC Query assertion.start=1541301674867 assertion.latency=12 status=0 Called 1 Times av time: 12.000 ms (min: 12 ms, max: 12 ms),	12
29 - 30 <i>Sample Transition :</i> From 29: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=29 assertion.shortname=Encode/Decode Data assertion.start=1541301674997 assertion.latency=1 status=0 To 30: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=30 assertion.shortname=Return Template Response to Requestor assertion.start=1541301674999 assertion.latency=11 status=0 Called 1 Times av time: 12.000 ms (min: 12 ms, max: 12 ms),	12
80 - 87 <i>Sample Transition :</i> From 80: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=80 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301674806 assertion.latency=7 status=0 To 87: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=87 assertion.shortname=Decode ID Token assertion.start=1541301674813 assertion.latency=11 status=0 Called 1 Times av time: 12.000 ms (min: 12 ms, max: 12 ms),	12
97.20.40 - 97.20.42 <i>Sample Transition :</i> From 97.20.40: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=97.20.40 assertion.shortname=Set Context Variable assertion.start=1541301674856 assertion.latency=0 status=0 To 97.20.42: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=97.20.42 assertion.shortname=Perform JDBC Query assertion.start=1541301674857 assertion.latency=9 status=601 Called 1 Times av time: 10.000 ms (min: 10 ms, max: 10 ms),	10

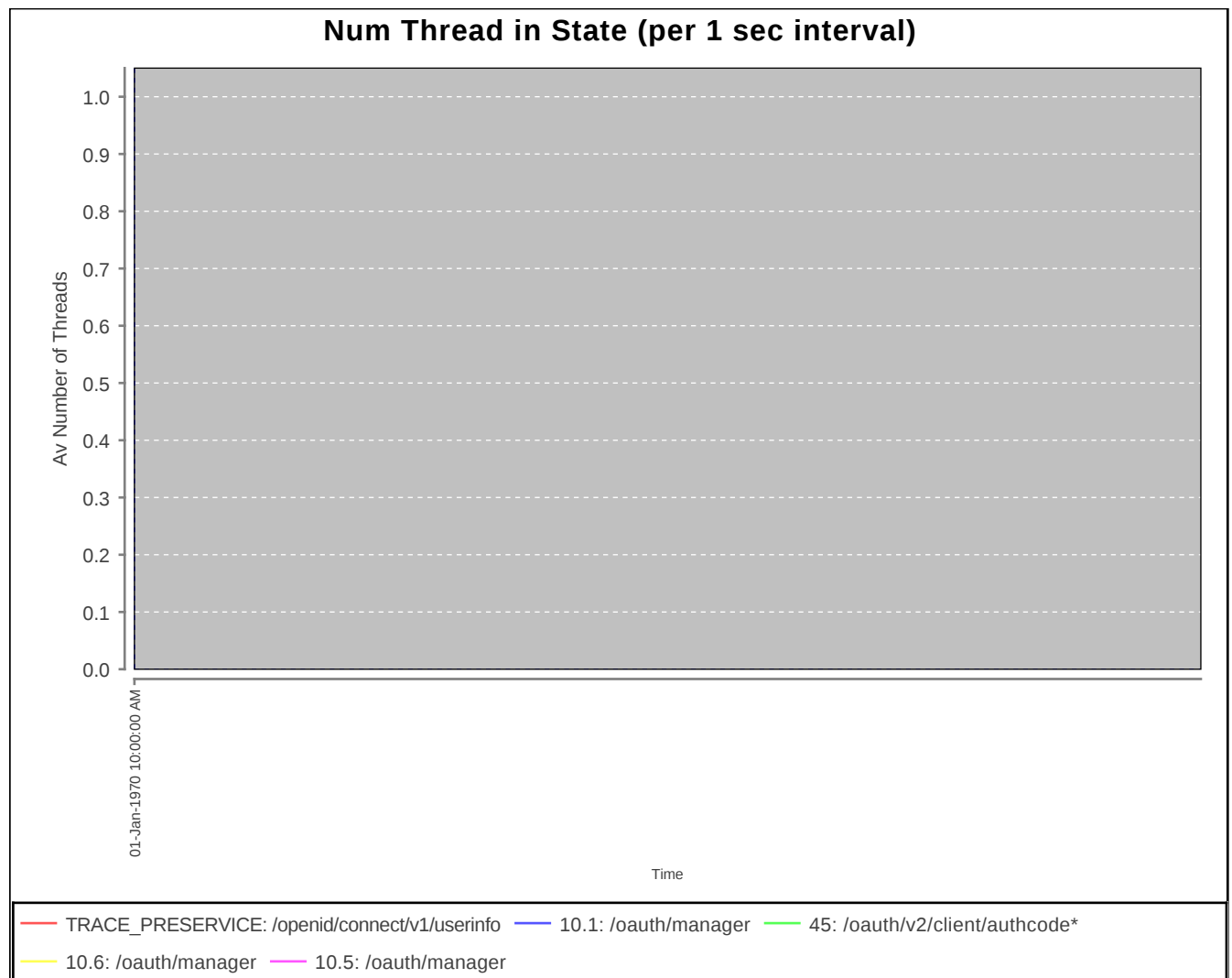
Transition	Total Thread Time (ms)
118 - 119 <i>Sample Transition :</i> From 118: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=118 assertion.shortname=Encode/Decode Data assertion.start=1541301648525 assertion.latency=1 status=0 To 119: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=119 assertion.shortname=Return Template Response to Requestor assertion.start=1541301648526 assertion.latency=10 status=0 Called 1 Times av time: 10.000 ms (min: 10 ms, max: 10 ms),	10
27.25.60 - 27.25.61 <i>Sample Transition :</i> From 27.25.60: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225- 5d5b25708819 assertion.numberStr=27.25.60 assertion.shortname=OTK Cache Look Up assertion.start=1541301674966 assertion.latency=16 status=0 To 27.25.61: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225- 5d5b25708819 assertion.numberStr=27.25.61 assertion.shortname=Encode/Decode Data assertion.start=1541301674982 assertion.latency=8 status=0 Called 1 Times av time: 8.000 ms (min: 8 ms, max: 8 ms),	8
77 - 82 <i>Sample Transition :</i> From 77: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=77 assertion.shortname=Set Context Variable assertion.start=1541301674806 assertion.latency=0 status=0 To 82: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=82 assertion.shortname=Decode Json Web Token assertion.start=1541301674806 assertion.latency=5 status=0 Called 1 Times av time: 6.000 ms (min: 6 ms, max: 6 ms),	6
23 - 22 <i>Sample Transition :</i> From 23: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=23 assertion.shortname=Compare Expression assertion.start=1541301648510 assertion.latency=0 status=601 To 22: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=22 assertion.shortname=All assertions must evaluate to true assertion.start=1541301648510 assertion.latency=7 status=601 Called 3 Times (with 2 taking 0 ms) av time: 2.333 ms (min: 0 ms, max: 6 ms),	6
5.18 - 5.19 <i>Sample Transition :</i> From 5.18: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be- 91cf-7e32c77f9142 assertion.numberStr=5.18 assertion.shortname=Set Context Variable assertion.start=1541301648485 assertion.latency=0 status=0 To 5.19: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be- 91cf-7e32c77f9142 assertion.numberStr=5.19 assertion.shortname=Set Context Variable assertion.start=1541301648489 assertion.latency=0 status=0 Called 4 Times (with 1 taking 0 ms) av time: 1.625 ms (min: 0 ms, max: 4 ms),	6
97.20.31 - 97.20.35 <i>Sample Transition :</i> From 97.20.31: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225- 5d5b25708819 assertion.numberStr=97.20.31 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301674848 assertion.latency=0 status=0 To 97.20.35: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225- 5d5b25708819 assertion.numberStr=97.20.35 assertion.shortname=Compare Expression assertion.start=1541301674848 assertion.latency=1 status=600 Called 1 Times av time: 6.000 ms (min: 6 ms, max: 6 ms),	6

Transition	Total Thread Time (ms)
1 - TRACE_POSTSERVICE: /oauth/v2/client/bcp <i>Sample Transition :</i> From 1: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301648475 assertion.latency=63 status=0 To TRACE_POSTSERVICE: /oauth/v2/client/bcp - TRACE_POSTSERVICE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp 192.168.154.1 [2018-11-04T14:20:48.472+11:00] "GET /oauth/v2/client/bcp" 200 454269 Called 4 Times av time: 1.500 ms (min: 1 ms, max: 2 ms),	6
5.35 - 5.36 <i>Sample Transition :</i> From 5.35: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be- 91cf-7e32c77f9142 assertion.numberStr=5.35 assertion.shortname=Set Context Variable assertion.start=1541301648493 assertion.latency=0 status=0 To 5.36: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be- 91cf-7e32c77f9142 assertion.numberStr=5.36 assertion.shortname=Set Context Variable assertion.start=1541301648493 assertion.latency=1 status=0 Called 4 Times av time: 1.250 ms (min: 1 ms, max: 2 ms),	5
6.1 - 6 <i>Sample Transition :</i> From 6.1: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=API XSS Protection policy.guid=a0bfd333-3f72-443e-8887- 392ea5f7ba4e assertion.numberStr=6.1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301648502 assertion.latency=1 status=0 To 6: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=6 assertion.shortname=API XSS Protection assertion.start=1541301648501 assertion.latency=2 status=0 Called 4 Times av time: 1.250 ms (min: 1 ms, max: 2 ms),	5
55 - 102 <i>Sample Transition :</i> From 55: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=55 assertion.shortname=All assertions must evaluate to true assertion.start=1541301648520 assertion.latency=1 status=601 To 102: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=102 assertion.shortname=Compare Expression assertion.start=1541301648521 assertion.latency=3 status=601 Called 2 Times av time: 2.000 ms (min: 1 ms, max: 3 ms),	4
20 - 23 <i>Sample Transition :</i> From 20: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=20 assertion.shortname=Set Context Variable assertion.start=1541301648509 assertion.latency=0 status=0 To 23: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=23 assertion.shortname=Compare Expression assertion.start=1541301648510 assertion.latency=0 status=601 Called 4 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	4
97.20.26 - 97.20.25 <i>Sample Transition :</i> From 97.20.26: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225- 5d5b25708819 assertion.numberStr=97.20.26 assertion.shortname=Compare Expression assertion.start=1541301674842 assertion.latency=0 status=0 To 97.20.25: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225- 5d5b25708819 assertion.numberStr=97.20.25 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301674842 assertion.latency=0 status=0 Called 1 Times av time: 4.000 ms (min: 4 ms, max: 4 ms),	4

Transition	Total Thread Time (ms)
5.42 - 5.43 Sample Transition : From 5.42: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=5.42 assertion.shortname=Set Context Variable assertion.start=1541301648497 assertion.latency=0 status=0 To 5.43: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=5.43 assertion.shortname=Set Context Variable assertion.start=1541301648498 assertion.latency=0 status=0 Called 4 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	4
27.25.60.23.30 - 27.25.60.23.31 Sample Transition : From 27.25.60.23.30: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711ffd738d assertion.numberStr=27.25.60.23.30 assertion.shortname=Compare Expression assertion.start=1541301674974 assertion.latency=0 status=0 To 27.25.60.23.31: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711ffd738d assertion.numberStr=27.25.60.23.31 assertion.shortname=Compare Expression assertion.start=1541301674974 assertion.latency=1 status=0 Called 1 Times av time: 4.000 ms (min: 4 ms, max: 4 ms),	4
16 - 17 Sample Transition : From 16: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=16 assertion.shortname=Evaluate Regular Expression assertion.start=1541301648506 assertion.latency=0 status=0 To 17: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=17 assertion.shortname=Evaluate Regular Expression assertion.start=1541301648507 assertion.latency=0 status=0 Called 4 Times (with 1 taking 0 ms) av time: 0.875 ms (min: 0 ms, max: 1 ms),	3
21 - 12 Sample Transition : From 21: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=21 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301648510 assertion.latency=27 status=0 To 12: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=12 assertion.shortname=All assertions must evaluate to true assertion.start=1541301648505 assertion.latency=32 status=0 Called 4 Times (with 1 taking 0 ms) av time: 0.875 ms (min: 0 ms, max: 1 ms),	3
14 - 19 Sample Transition : From 14: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=14 assertion.shortname=All assertions must evaluate to true assertion.start=1541301648506 assertion.latency=2 status=0 To 19: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe840, OpenID Connect Client - BCP policy.guid=2042331e-c0dd-456d-b34d-3d4b602d2629 assertion.numberStr=19 assertion.shortname=Set Context Variable assertion.start=1541301648508 assertion.latency=0 status=0 Called 4 Times (with 1 taking 0 ms) av time: 0.875 ms (min: 0 ms, max: 1 ms),	3
5.10 - 5.11 Sample Transition : From 5.10: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=5.10 assertion.shortname=Set Context Variable assertion.start=1541301648482 assertion.latency=0 status=0 To 5.11: /oauth/v2/client/bcp - TRACE: service.name=OpenID Connect Client - BCP service.resolutionUri=/oauth/v2/client/bcp policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=5.11 assertion.shortname=Set Context Variable assertion.start=1541301648483 assertion.latency=0 status=0 Called 4 Times (with 1 taking 0 ms) av time: 0.875 ms (min: 0 ms, max: 1 ms),	3

7.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

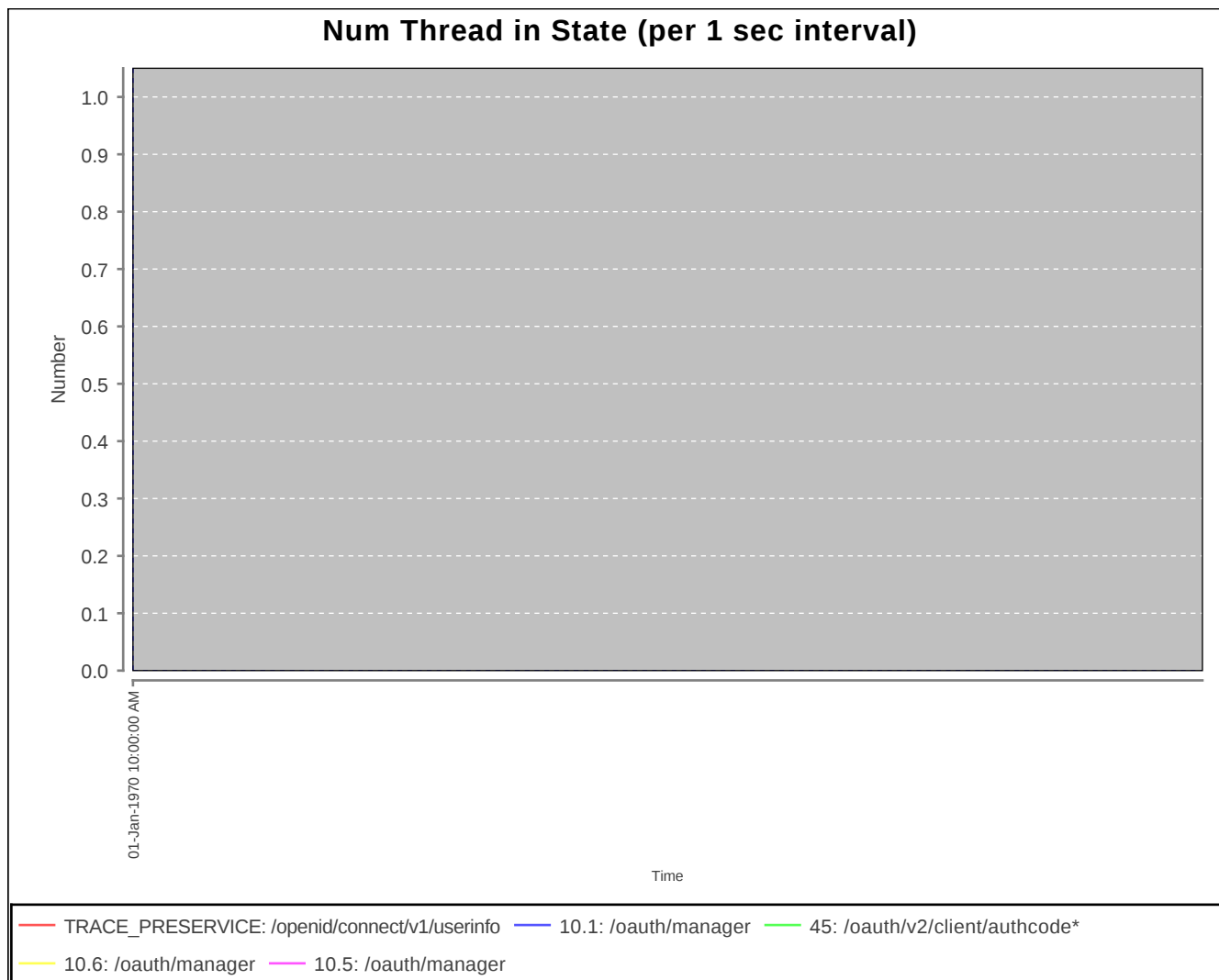
The value shown is the average number of threads, as that gives the best indication of a problem.

For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

7.7. LockDetect_ServiceRequest Table

7.8. LockDetect_Throughput

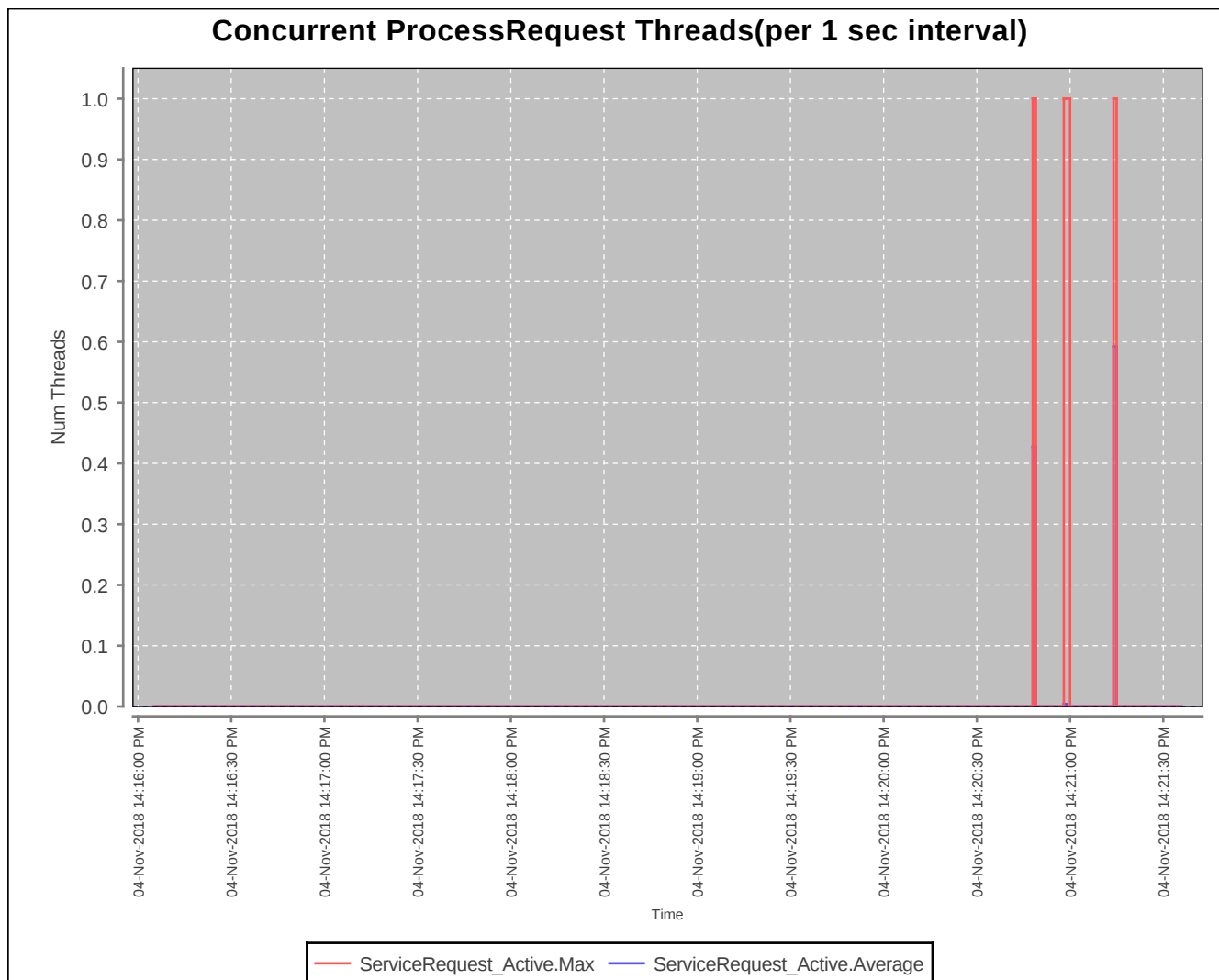
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

7.9. Concurrent_ServiceRequest

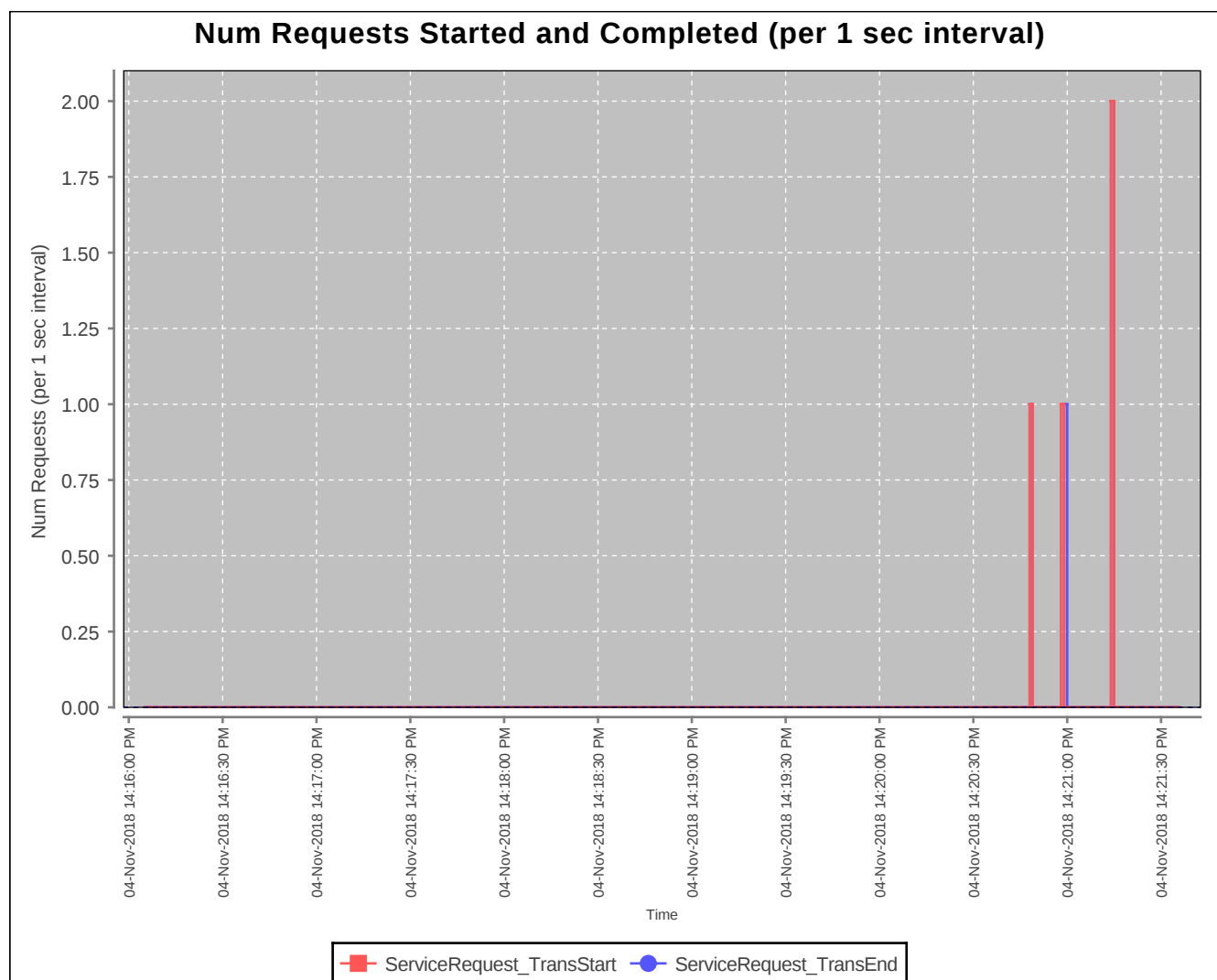
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

7.10. StartAndEnd_ServiceRequest

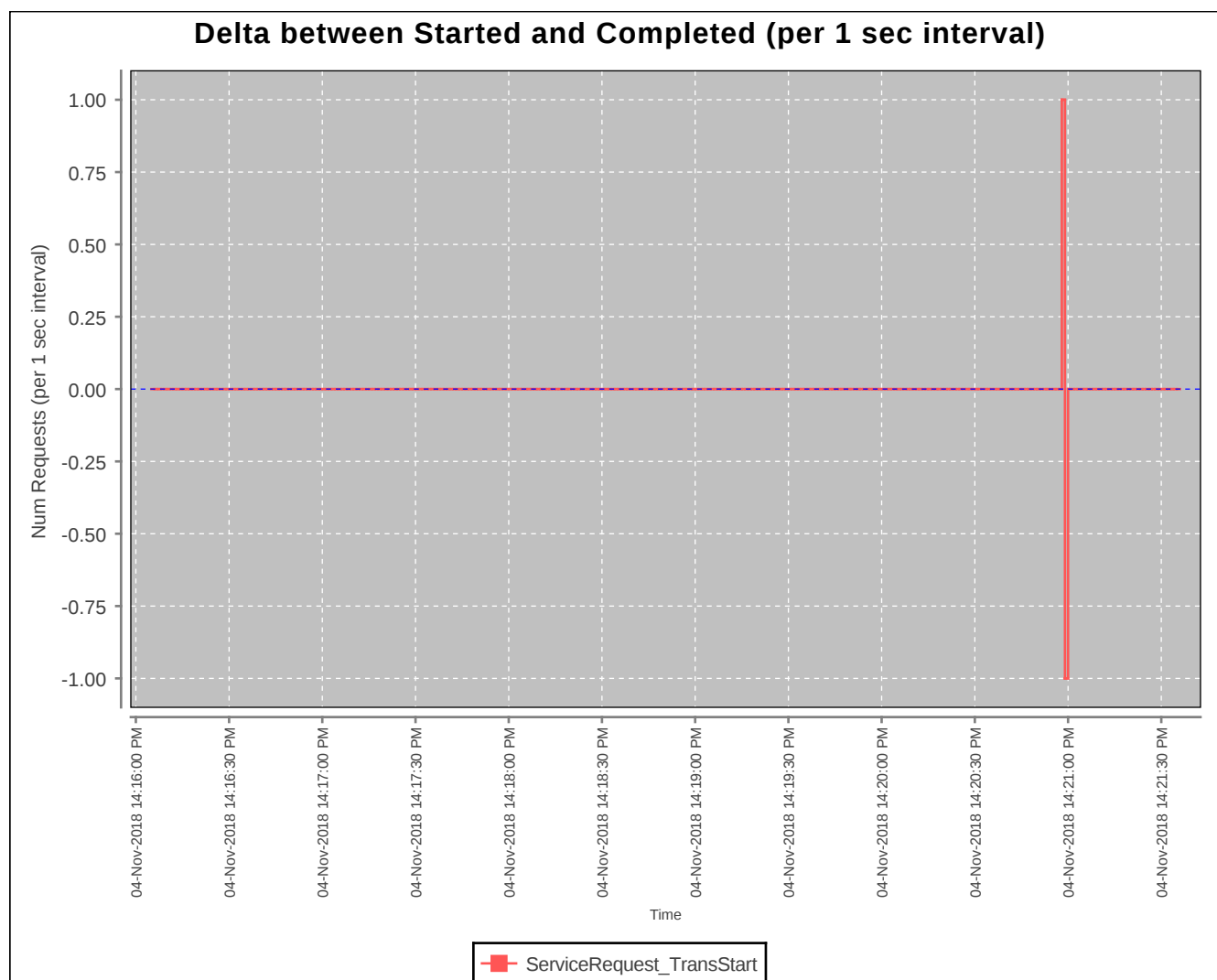
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

7.11. StartAndEndDelta_ServiceRequest

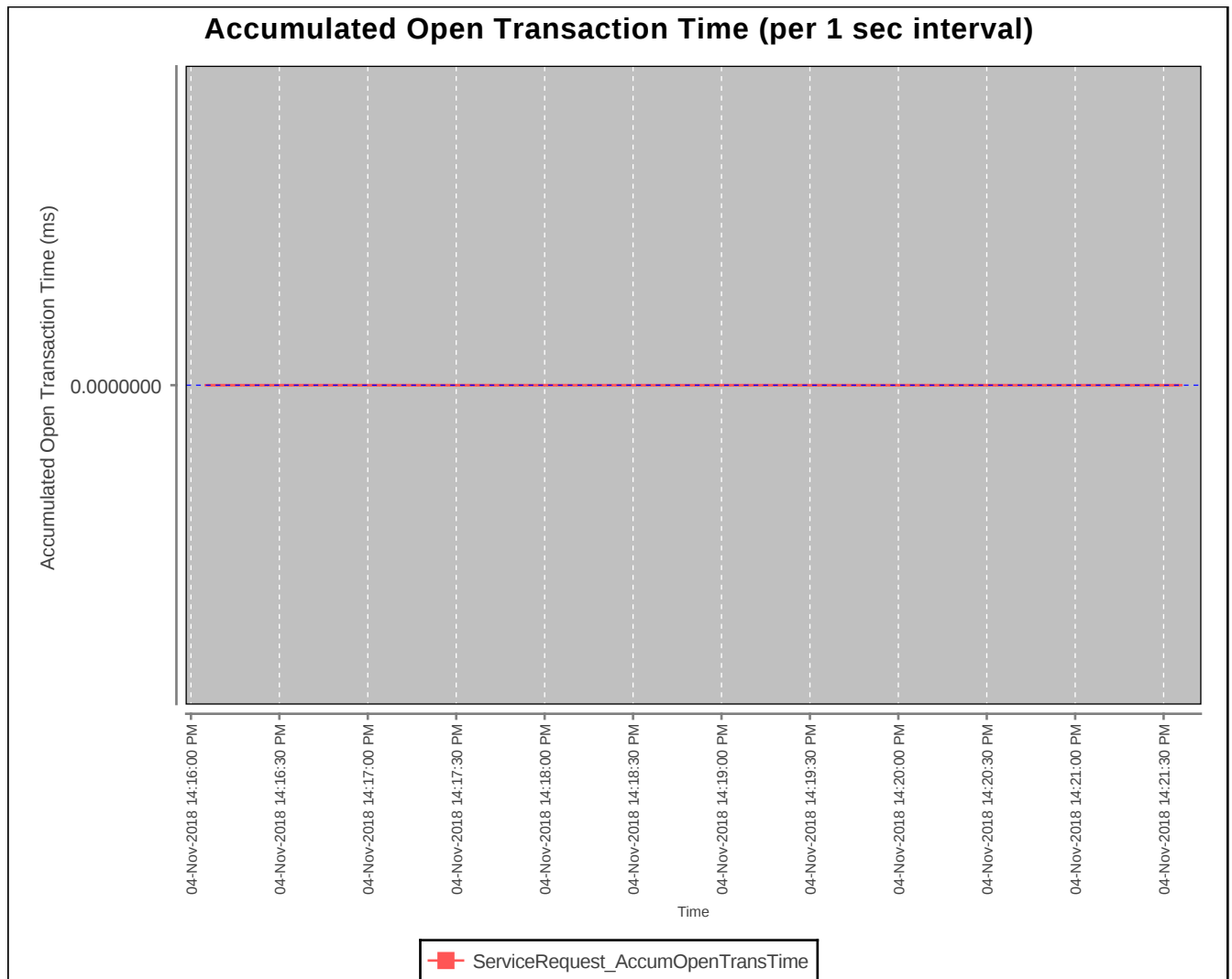
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

7.12. AccumOpenTransTime_ServiceRequest

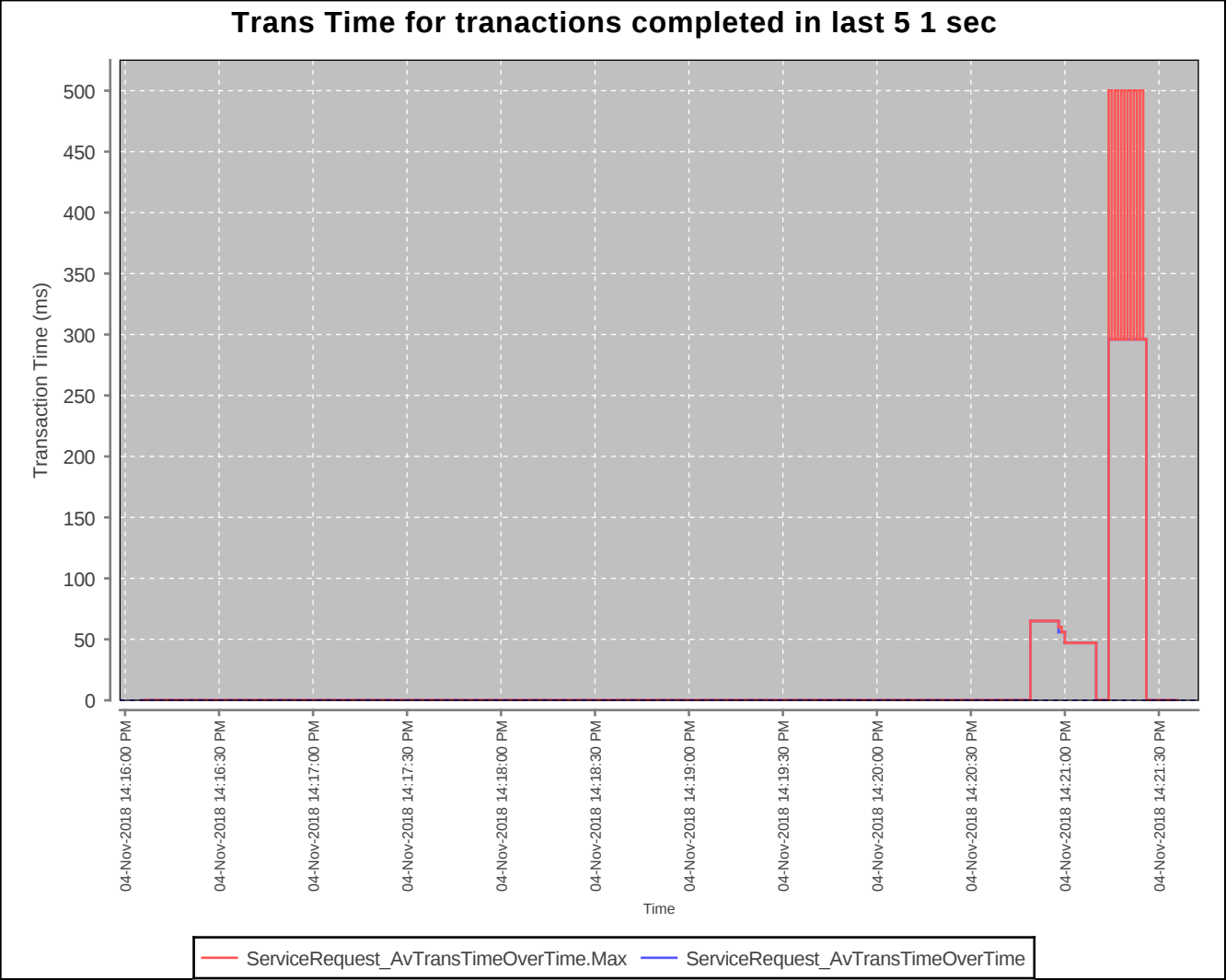
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

7.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 1 sec time.

8. Transaction Report : ServiceRequest /oauth/v2/client/authcode*

8.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:20:10 AEDT 2018

End Trace Time : Sun Nov 04 14:20:11 AEDT 2018

Trace Time Duration : 738 ms

Number of transactions : 1

Average Throughput : 1.3550136 (request/sec)

Average Transaction Time: 738.0ms

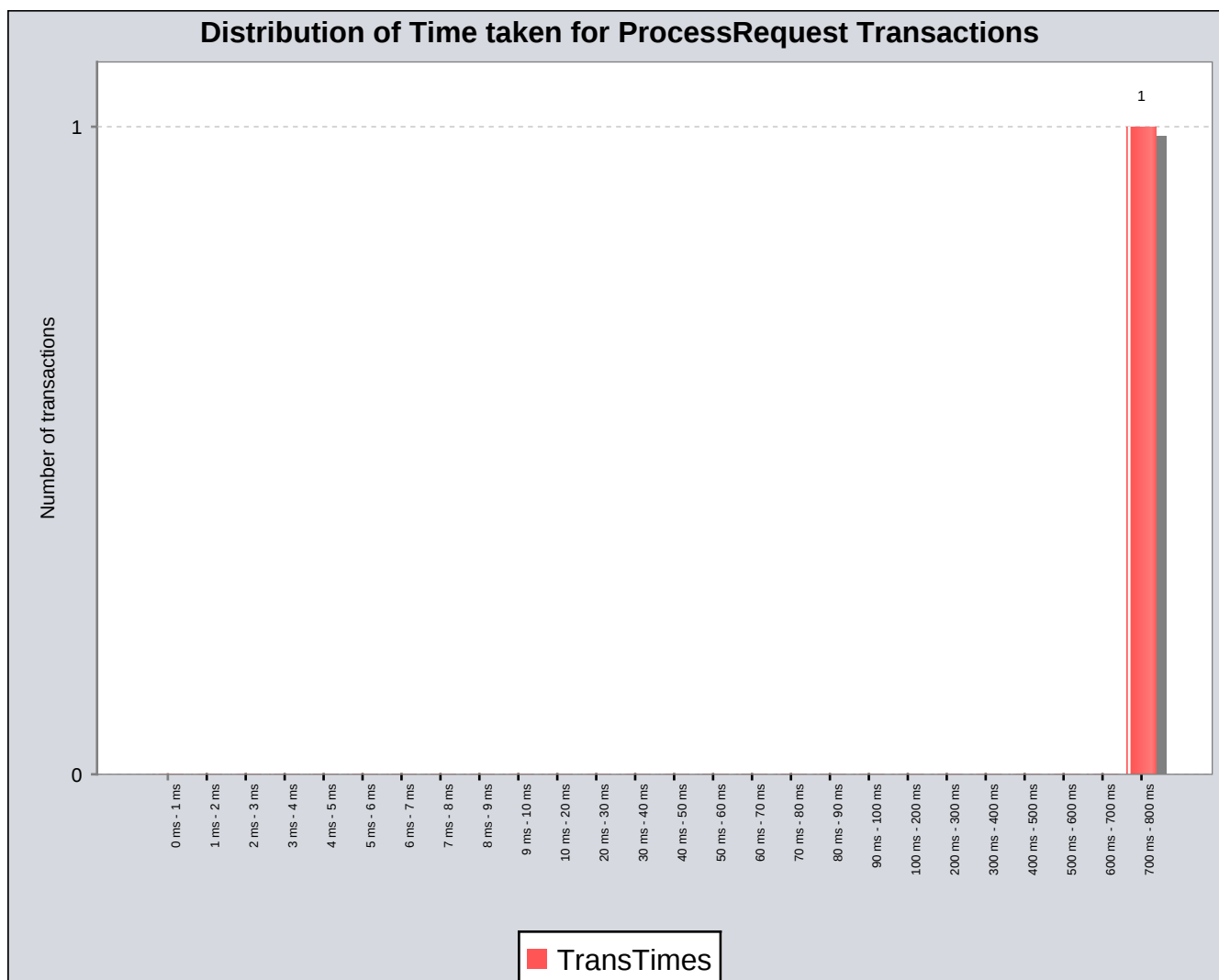
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

8.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

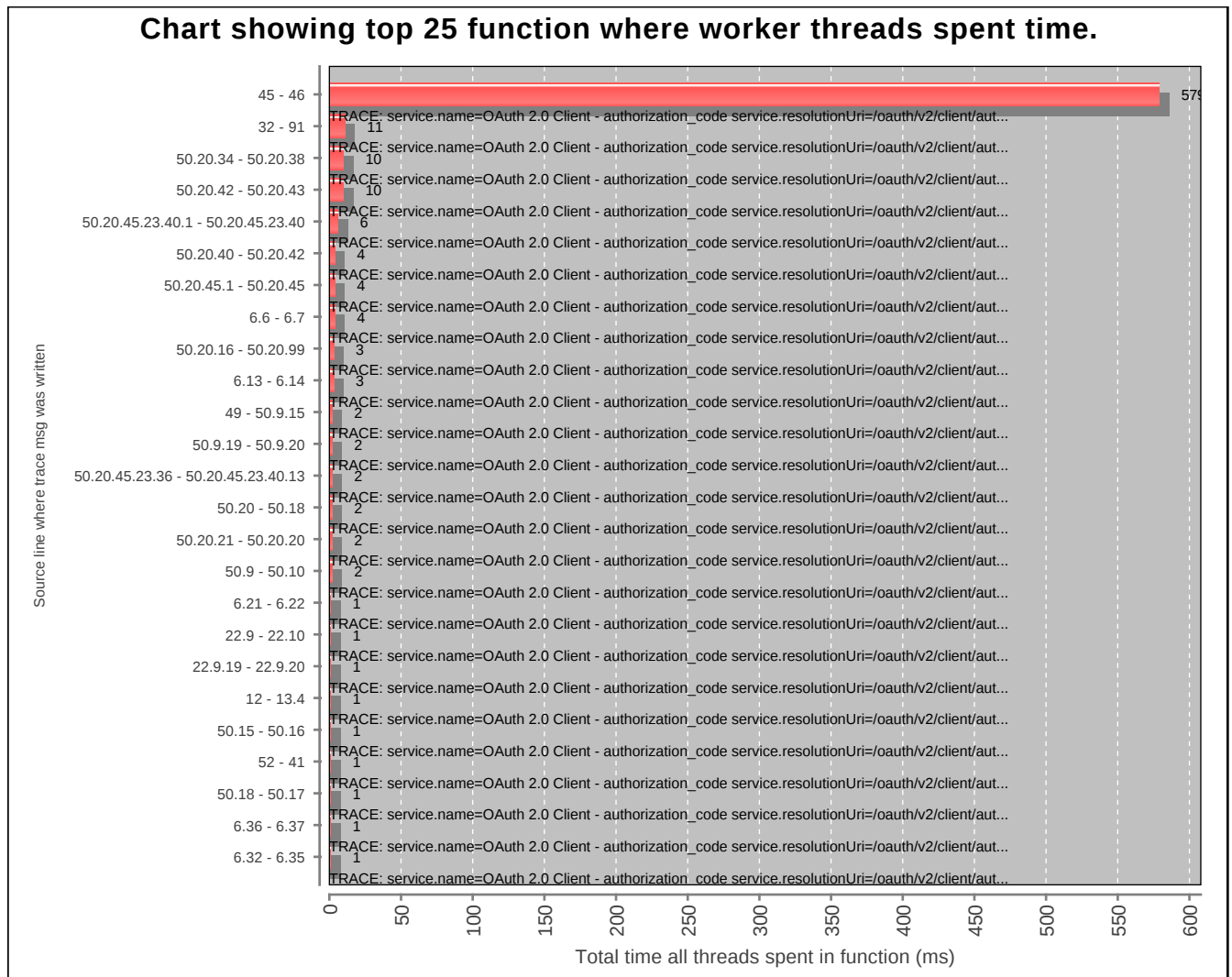
8.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
700 ms - 800 ms	1

8.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

We calculate the delta time between two log entries and assign it to the

8.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
45 - 46 <i>Sample Transition :</i> From 45: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=45 assertion.shortname=Set Context Variable assertion.start=1541301610829 assertion.latency=0 status=0 To 46: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=46 assertion.shortname=Route via HTTP(S) assertion.start=1541301610830 assertion.latency=578 status=0 Called 1 Times av time: 579.000 ms (min: 579 ms, max: 579 ms),	579
32 - 91 <i>Sample Transition :</i> From 32: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=32 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301610827 assertion.latency=675 status=0 To 91: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=91 assertion.shortname=Return Template Response to Requestor assertion.start=1541301611502 assertion.latency=10 status=0 Called 1 Times av time: 11.000 ms (min: 11 ms, max: 11 ms),	11
50.20.34 - 50.20.38 <i>Sample Transition :</i> From 50.20.34: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.34 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301611435 assertion.latency=1 status=0 To 50.20.38: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.38 assertion.shortname=Compare Expression assertion.start=1541301611445 assertion.latency=0 status=600 Called 1 Times av time: 10.000 ms (min: 10 ms, max: 10 ms),	10
50.20.42 - 50.20.43 <i>Sample Transition :</i> From 50.20.42: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.42 assertion.shortname=Perform JDBC Query assertion.start=1541301611446 assertion.latency=3 status=601 To 50.20.43: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.43 assertion.shortname=Perform JDBC Query assertion.start=1541301611450 assertion.latency=9 status=0 Called 1 Times av time: 10.000 ms (min: 10 ms, max: 10 ms),	10
50.20.45.23.40.1 - 50.20.45.23.40 <i>Sample Transition :</i> From 50.20.45.23.40.1: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Cache Store Customization policy.guid=2294fc5e-0adf-4d4b-b44d-8d1252f024c9 assertion.numberStr=50.20.45.23.40.1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301611475 assertion.latency=1 status=0 To 50.20.45.23.40: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711ffd738d assertion.numberStr=50.20.45.23.40 assertion.shortname=Include Policy Fragment assertion.start=1541301611475 assertion.latency=7 status=0 Called 1 Times av time: 6.000 ms (min: 6 ms, max: 6 ms),	6
50.20.40 - 50.20.42 <i>Sample Transition :</i> From 50.20.40: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.40 assertion.shortname=Set Context Variable assertion.start=1541301611446 assertion.latency=0 status=0 To 50.20.42: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.42 assertion.shortname=Perform JDBC Query assertion.start=1541301611446 assertion.latency=3 status=601 Called 1 Times av time: 4.000 ms (min: 4 ms, max: 4 ms),	4

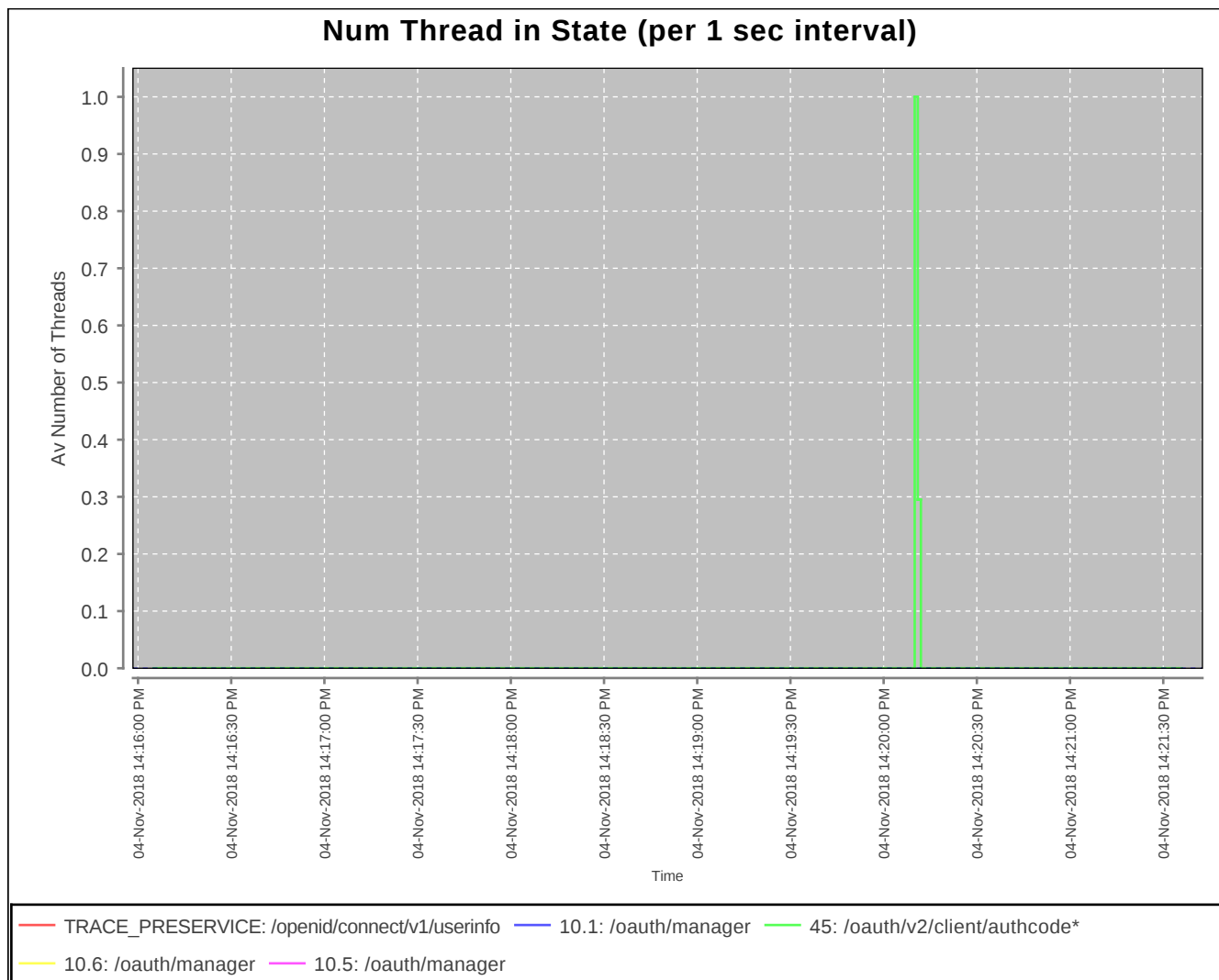
Transition	Total Thread Time (ms)
50.20.45.1 - 50.20.45 <i>Sample Transition :</i> From 50.20.45.1: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Cache Store policy.guid=58143e14-a1cd-4cca-b25a-e2d637a42bbc assertion.numberStr=50.20.45.1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301611461 assertion.latency=25 status=0 To 50.20.45: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.45 assertion.shortname=OTK Cache Store assertion.start=1541301611461 assertion.latency=28 status=0 Called 1 Times av time: 4.000 ms (min: 4 ms, max: 4 ms),	4
6.6 - 6.7 <i>Sample Transition :</i> From 6.6: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.6 assertion.shortname=Set Context Variable assertion.start=1541301610781 assertion.latency=0 status=0 To 6.7: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.7 assertion.shortname=Set Context Variable assertion.start=1541301610786 assertion.latency=0 status=0 Called 1 Times av time: 4.000 ms (min: 4 ms, max: 4 ms),	4
50.20.16 - 50.20.99 <i>Sample Transition :</i> From 50.20.16: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.16 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301611427 assertion.latency=64 status=0 To 50.20.99: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.99 assertion.shortname=Set Context Variable assertion.start=1541301611495 assertion.latency=0 status=0 Called 1 Times av time: 3.000 ms (min: 3 ms, max: 3 ms),	3
6.13 - 6.14 <i>Sample Transition :</i> From 6.13: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.13 assertion.shortname=Set Context Variable assertion.start=1541301610787 assertion.latency=0 status=0 To 6.14: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.14 assertion.shortname=Set Context Variable assertion.start=1541301610788 assertion.latency=0 status=0 Called 1 Times av time: 3.000 ms (min: 3 ms, max: 3 ms),	3
49 - 50.9.15 <i>Sample Transition :</i> From 49: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=49 assertion.shortname=Generate UUID assertion.start=1541301611409 assertion.latency=0 status=0 To 50.9.15: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Storage Configuration policy.guid=71039e77-2081-40df-a892-50097f1c18de assertion.numberStr=50.9.15 assertion.shortname=Set Context Variable assertion.start=1541301611411 assertion.latency=0 status=0 Called 1 Times av time: 2.000 ms (min: 2 ms, max: 2 ms),	2
50.9.19 - 50.9.20 <i>Sample Transition :</i> From 50.9.19: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Storage Configuration policy.guid=71039e77-2081-40df-a892-50097f1c18de assertion.numberStr=50.9.19 assertion.shortname=Set Context Variable assertion.start=1541301611413 assertion.latency=0 status=0 To 50.9.20: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Storage Configuration policy.guid=71039e77-2081-40df-a892-50097f1c18de assertion.numberStr=50.9.20 assertion.shortname=Set Context Variable assertion.start=1541301611414 assertion.latency=0 status=0 Called 1 Times av time: 2.000 ms (min: 2 ms, max: 2 ms),	2

Transition	Total Thread Time (ms)
50.20.45.23.36 - 50.20.45.23.40.13 <i>Sample Transition :</i> From 50.20.45.23.36: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711fd738d assertion.numberStr=50.20.45.23.36 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301611474 assertion.latency=0 status=0 To 50.20.45.23.40.13: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Cache Store Customization policy.guid=2294fc5e-0adf-4d4b-b44d-8d1252f024c9 assertion.numberStr=50.20.45.23.40.13 assertion.shortname=Store to Cache assertion.start=1541301611475 assertion.latency=0 status=0 Called 1 Times av time: 2.000 ms (min: 2 ms, max: 2 ms),	2
50.20 - 50.18 <i>Sample Transition :</i> From 50.20: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.20 assertion.shortname=OTK Session DB assertion.start=1541301611424 assertion.latency=72 status=0 To 50.18: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.18 assertion.shortname=All assertions must evaluate to true assertion.start=1541301611423 assertion.latency=75 status=0 Called 1 Times av time: 2.000 ms (min: 2 ms, max: 2 ms),	2
50.20.21 - 50.20.20 <i>Sample Transition :</i> From 50.20.21: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.21 assertion.shortname=Compare Expression assertion.start=1541301611429 assertion.latency=0 status=0 To 50.20.20: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=50.20.20 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301611429 assertion.latency=0 status=0 Called 1 Times av time: 2.000 ms (min: 2 ms, max: 2 ms),	2
50.9 - 50.10 <i>Sample Transition :</i> From 50.9: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.9 assertion.shortname=OTK Storage Configuration assertion.start=1541301611410 assertion.latency=7 status=0 To 50.10: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.10 assertion.shortname=Set Context Variable assertion.start=1541301611420 assertion.latency=0 status=0 Called 1 Times av time: 2.000 ms (min: 2 ms, max: 2 ms),	2
6.21 - 6.22 <i>Sample Transition :</i> From 6.21: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.21 assertion.shortname=Set Context Variable assertion.start=1541301610792 assertion.latency=0 status=0 To 6.22: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.22 assertion.shortname=Set Context Variable assertion.start=1541301610793 assertion.latency=0 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1
22.9 - 22.10 <i>Sample Transition :</i> From 22.9: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Get policy.guid=d164d0b0-5a1c-410f-a00a-c342946a2a0a assertion.numberStr=22.9 assertion.shortname=OTK Storage Configuration assertion.start=1541301610813 assertion.latency=4 status=0 To 22.10: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Get policy.guid=d164d0b0-5a1c-410f-a00a-c342946a2a0a assertion.numberStr=22.10 assertion.shortname=Set Context Variable assertion.start=1541301610817 assertion.latency=0 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1

Transition	Total Thread Time (ms)
22.9.19 - 22.9.20 <i>Sample Transition :</i> From 22.9.19: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Storage Configuration policy.guid=71039e77-2081-40df-a892-5009711c18de assertion.numberStr=22.9.19 assertion.shortname=Set Context Variable assertion.start=1541301610814 assertion.latency=0 status=0 To 22.9.20: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Storage Configuration policy.guid=71039e77-2081-40df-a892-5009711c18de assertion.numberStr=22.9.20 assertion.shortname=Set Context Variable assertion.start=1541301610814 assertion.latency=0 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1
12 - 13.4 <i>Sample Transition :</i> From 12: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=12 assertion.shortname=Set Context Variable assertion.start=1541301610807 assertion.latency=0 status=0 To 13.4: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=API XSS Protection policy.guid=a0bfd333-3f72-443e-8887-392ea5f7ba4e assertion.numberStr=13.4 assertion.shortname=Evaluate Regular Expression assertion.start=1541301610808 assertion.latency=0 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1
50.15 - 50.16 <i>Sample Transition :</i> From 50.15: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.15 assertion.shortname=Set Context Variable assertion.start=1541301611422 assertion.latency=0 status=0 To 50.16: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.16 assertion.shortname=Set Context Variable assertion.start=1541301611423 assertion.latency=0 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1
52 - 41 <i>Sample Transition :</i> From 52: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=52 assertion.shortname=Set Context Variable assertion.start=1541301611501 assertion.latency=0 status=0 To 41: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=41 assertion.shortname=All assertions must evaluate to true assertion.start=1541301610828 assertion.latency=673 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1
50.18 - 50.17 <i>Sample Transition :</i> From 50.18: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.18 assertion.shortname=All assertions must evaluate to true assertion.start=1541301611423 assertion.latency=75 status=0 To 50.17: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Session - Store policy.guid=aec63406-fe13-4684-a889-b82b84212357 assertion.numberStr=50.17 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301611423 assertion.latency=75 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1
6.36 - 6.37 <i>Sample Transition :</i> From 6.36: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.36 assertion.shortname=Set Context Variable assertion.start=1541301610797 assertion.latency=1 status=0 To 6.37: /oauth/v2/client/authcode* - TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=OTK Client Context Variables policy.guid=31cf1085-d0f2-42be-91cf-7e32c77f9142 assertion.numberStr=6.37 assertion.shortname=Set Context Variable assertion.start=1541301610798 assertion.latency=0 status=0 Called 1 Times av time: 1.000 ms (min: 1 ms, max: 1 ms),	1

8.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

The value shown is the average number of threads, as that gives the best indication of a problem.

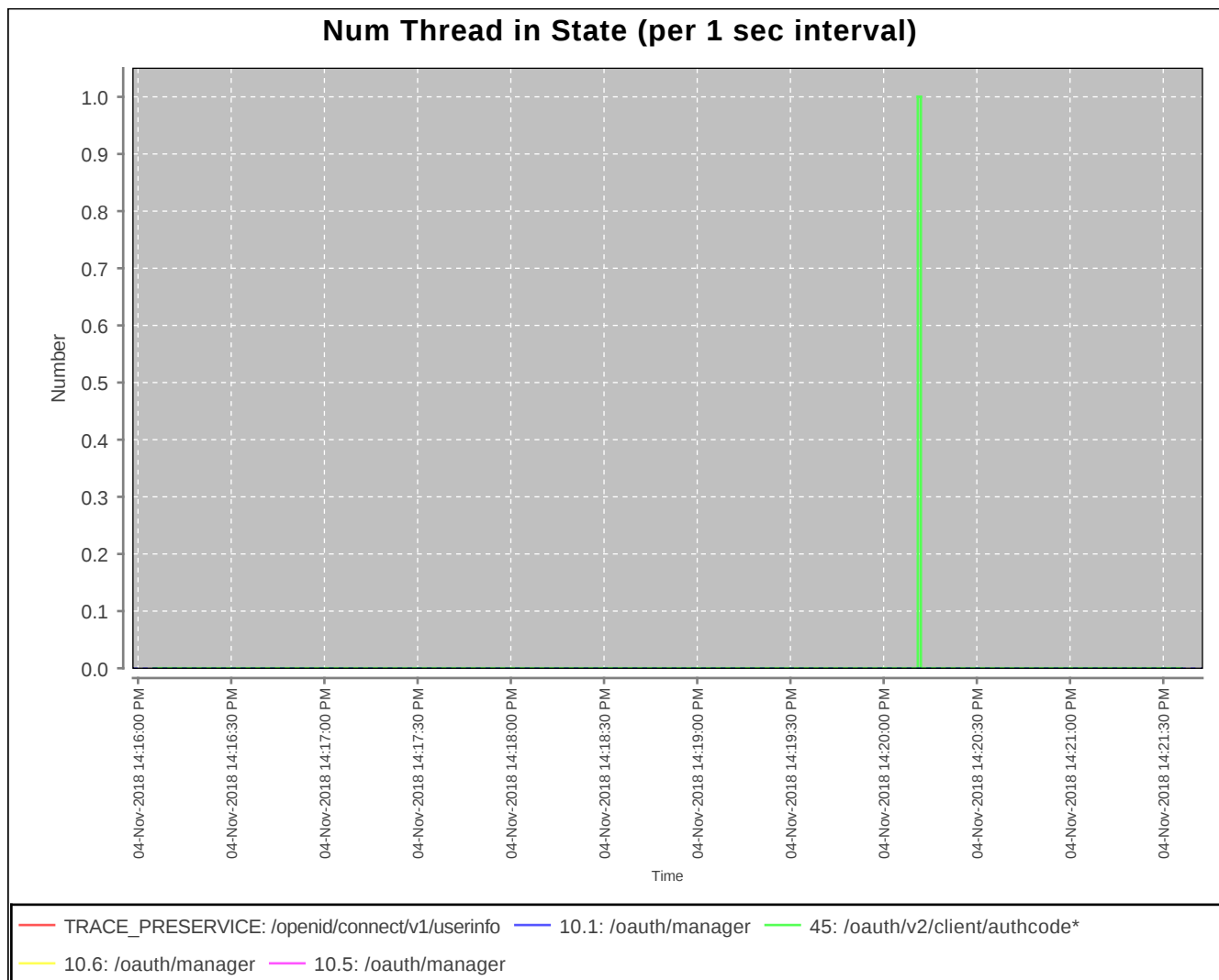
For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

8.7. LockDetect_ServiceRequest Table

Transition	Total Thread Time (ms)
45: /oauth/v2/client/authcode* <i>Sample Msg: TRACE: service.name=OAuth 2.0 Client - authorization_code service.resolutionUri=/oauth/v2/client/authcode* policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fe62e, OAuth 2.0 Client - authorization_code policy.guid=4f78ea68-623b-4371-a856-a56170fe59be assertion.numberStr=45 assertion.shortname=Set Context Variable assertion.start=1541301610829 assertion.latency=0 status=0</i> Called 1 Times av time: 579.000 ms (min: 579 ms, max: 579 ms),	579

8.8. LockDetect_Throughput

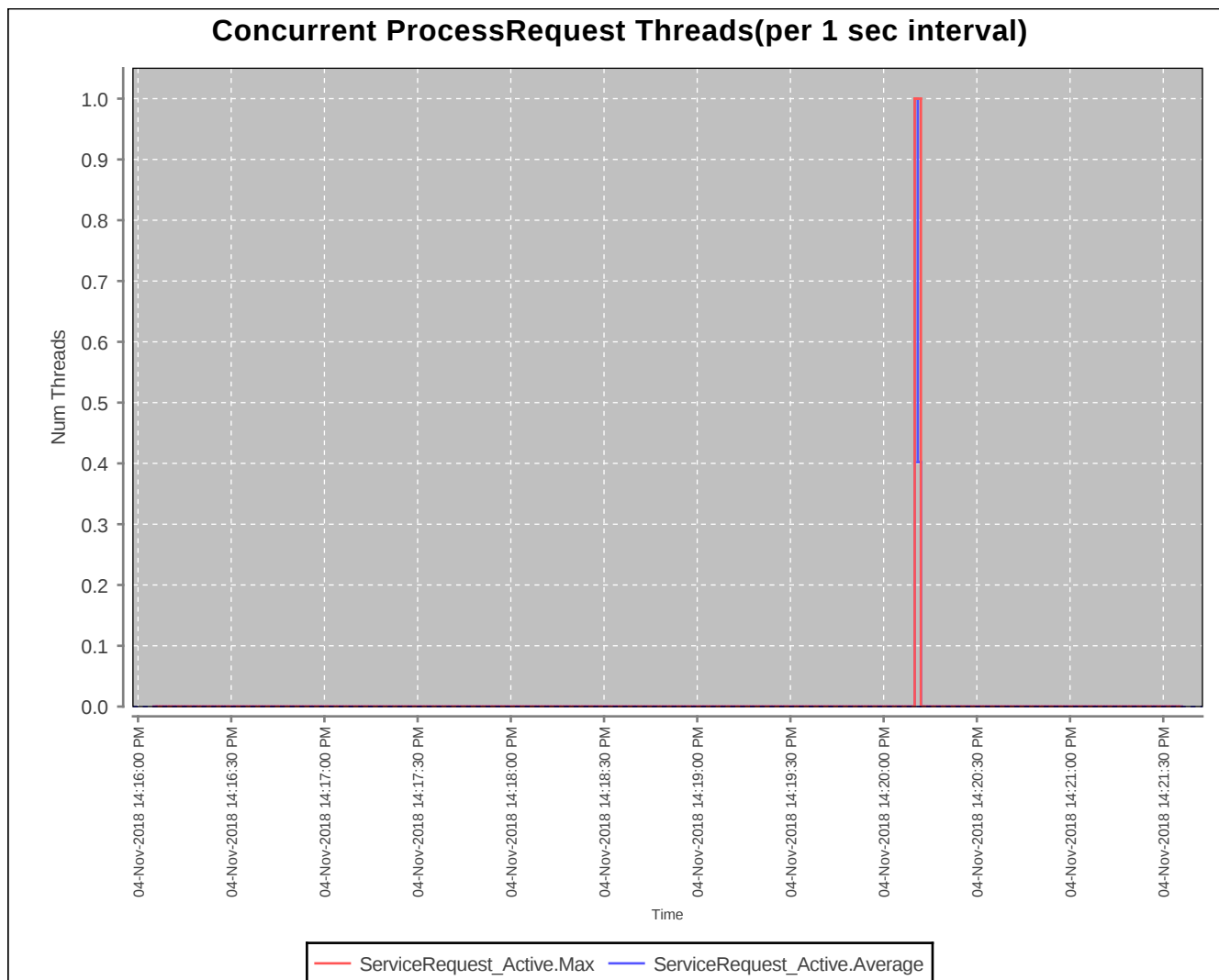
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

8.9. Concurrent_ServiceRequest

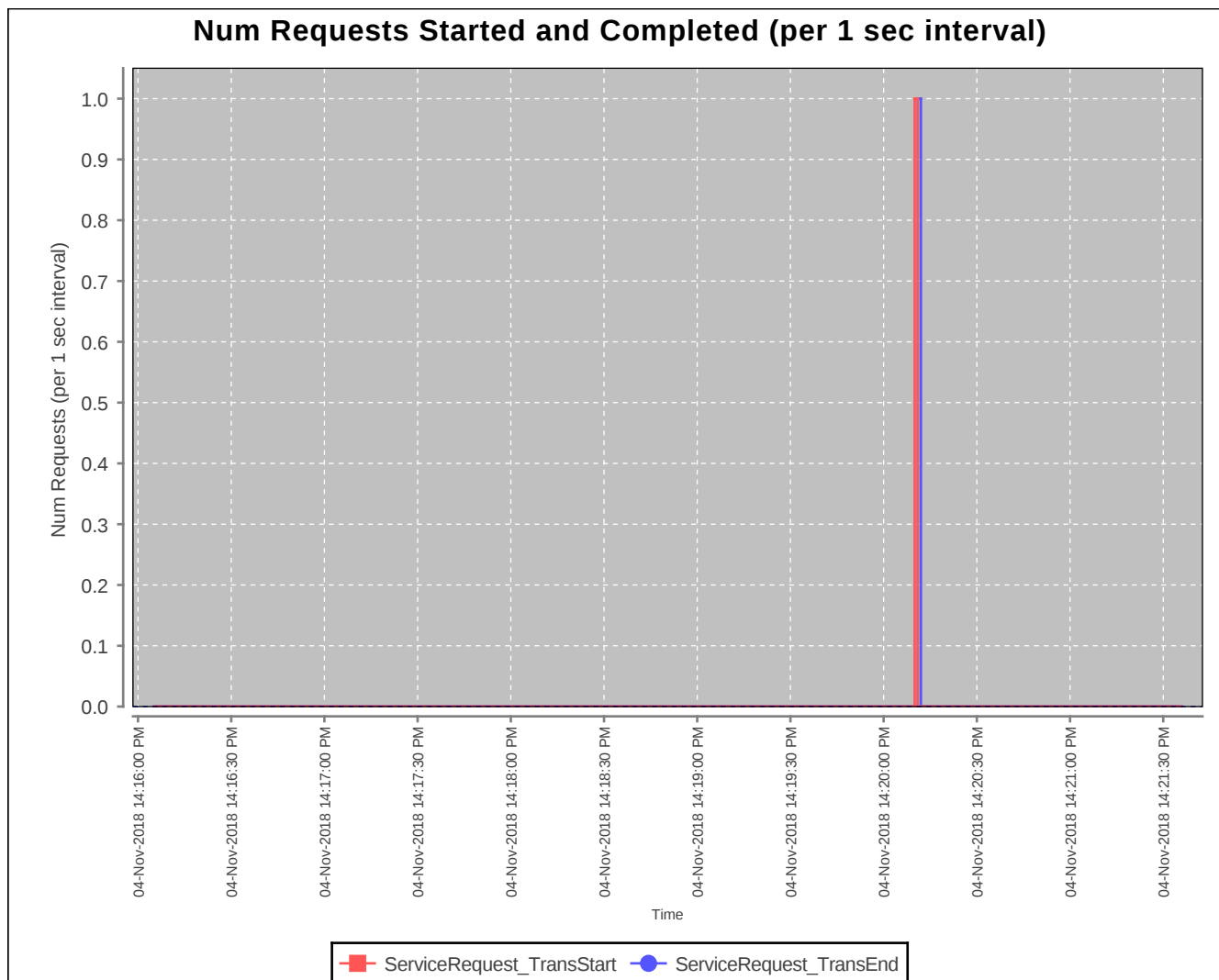
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

8.10. StartAndEnd_ServiceRequest

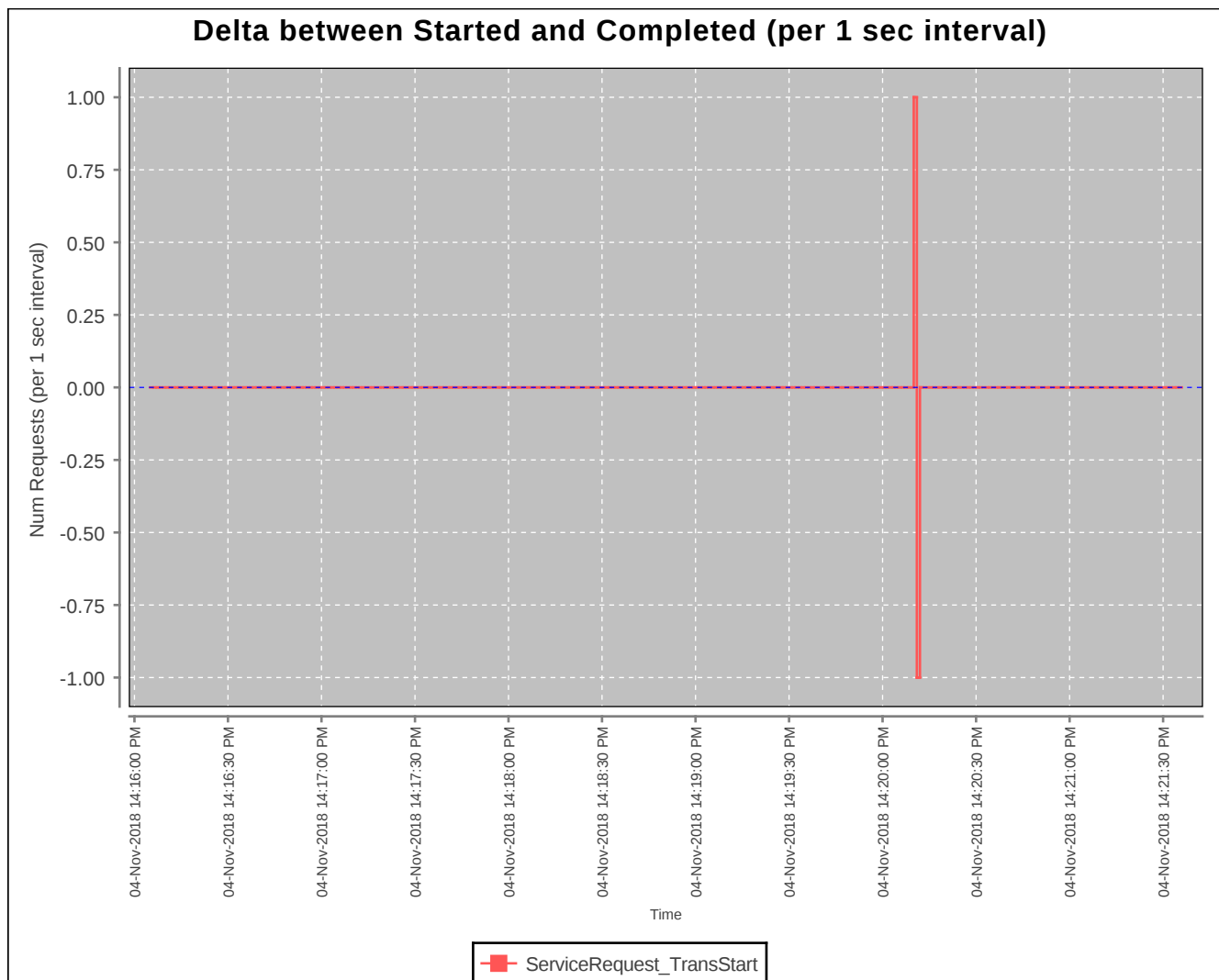
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

8.11. StartAndEndDelta_ServiceRequest

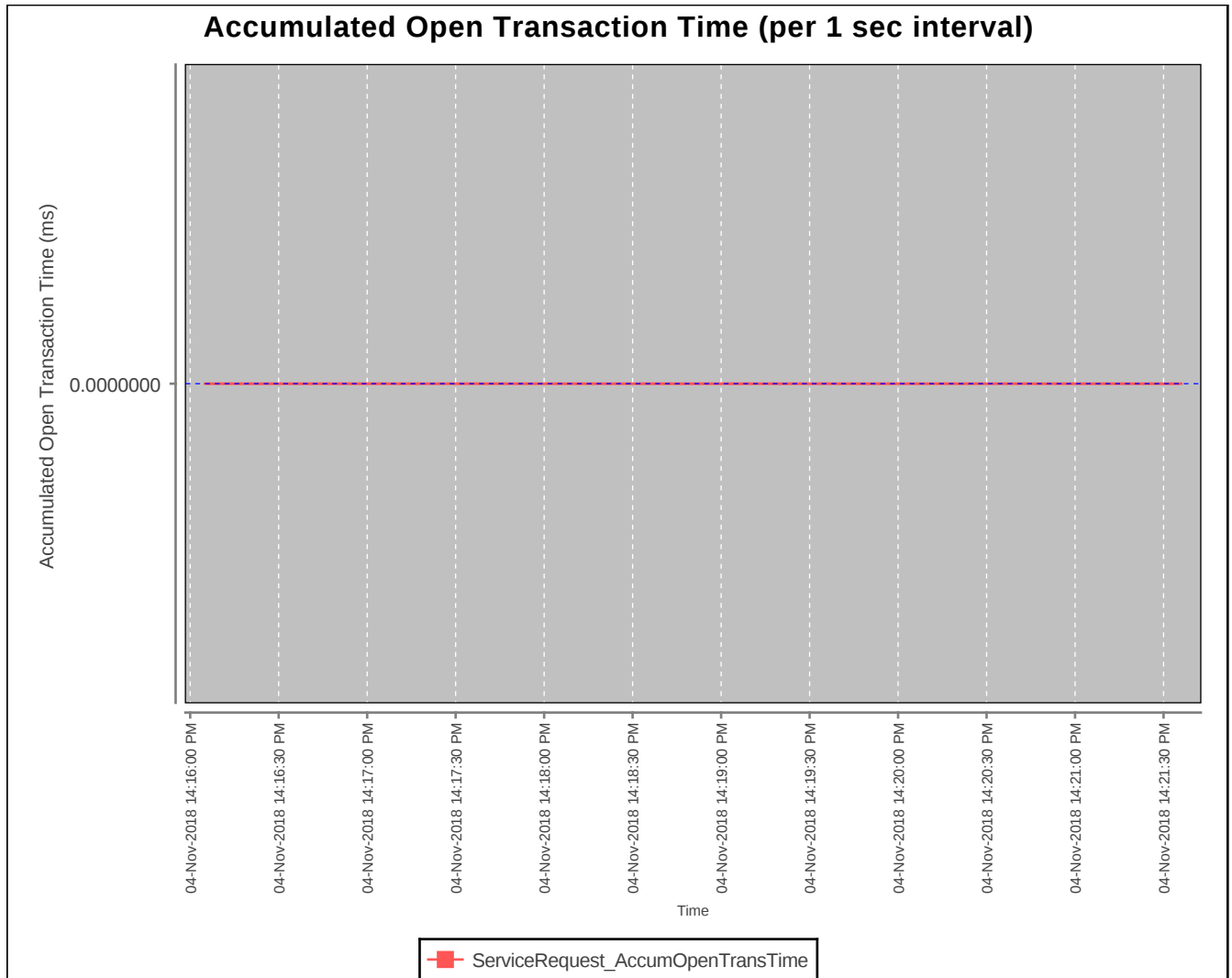
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

8.12. AccumOpenTransTime_ServiceRequest

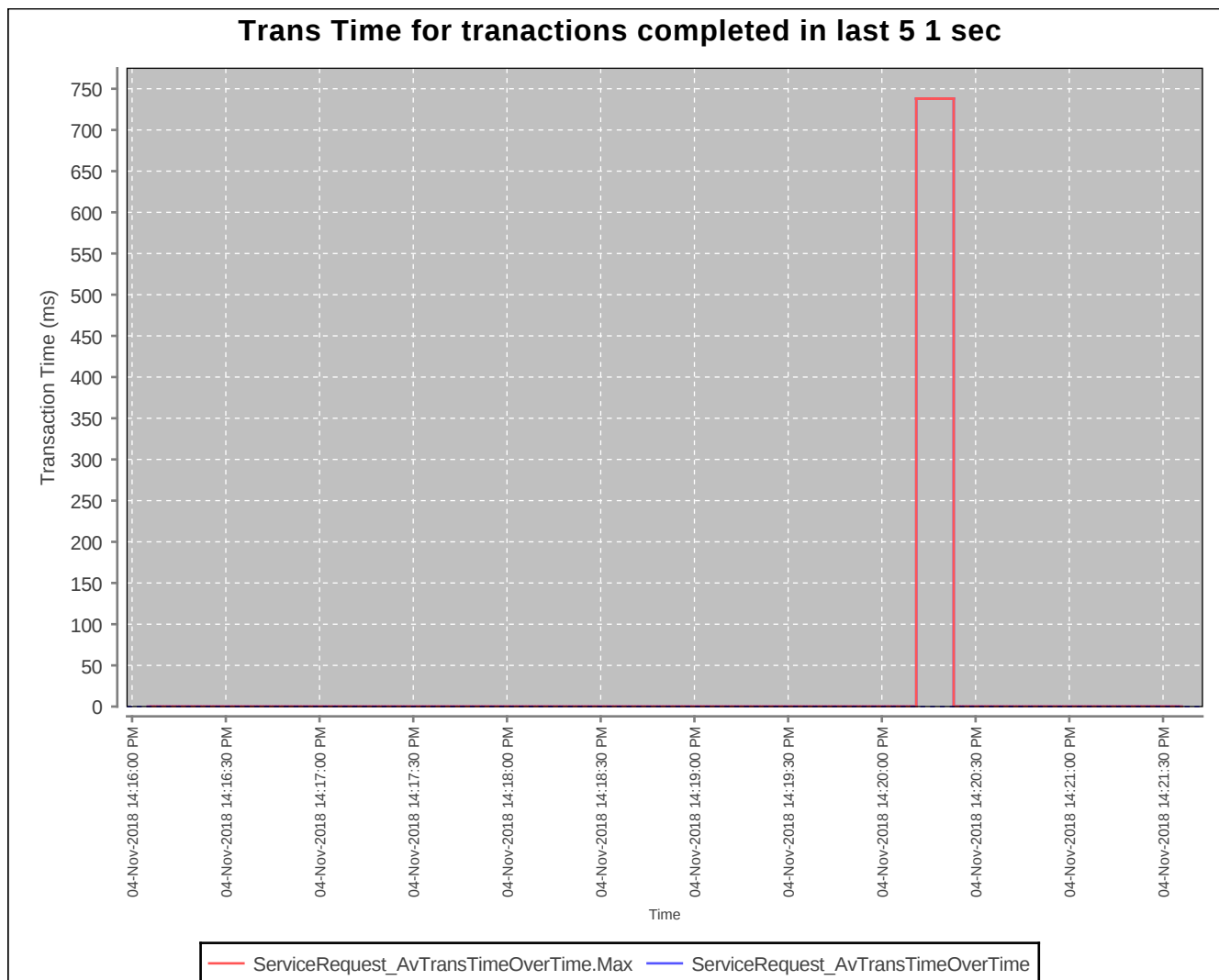
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

8.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

9. Transaction Report : ServiceRequest /auth/oauth/v2/authorize/login

9.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:19:54 AEDT 2018

End Trace Time : Sun Nov 04 14:21:02 AEDT 2018

Trace Time Duration : 1 min 7 secs 818 ms

Number of transactions : 4

Average Throughput : 0.05898139 (request/sec)

Average Transaction Time: 105.75ms

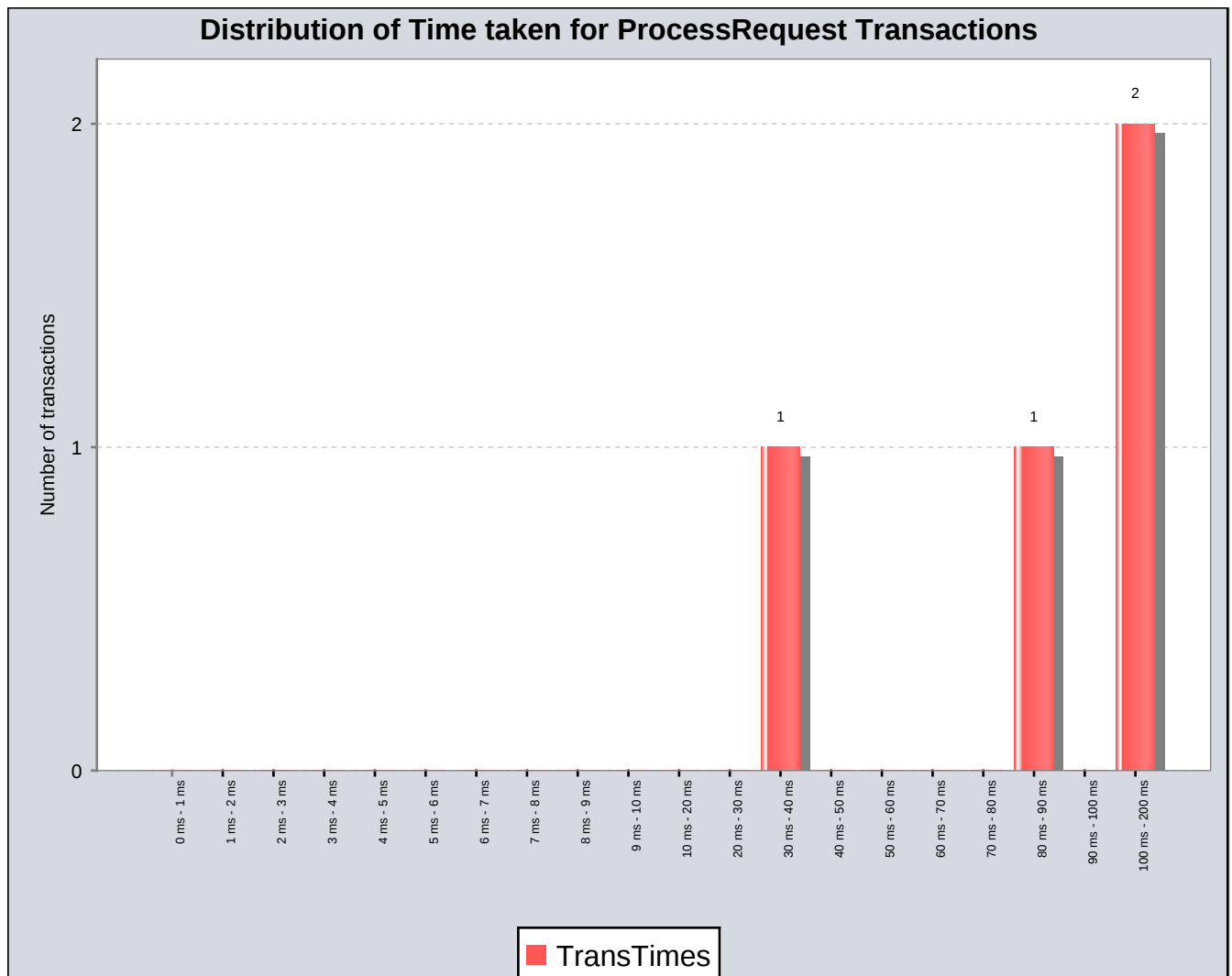
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

9.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

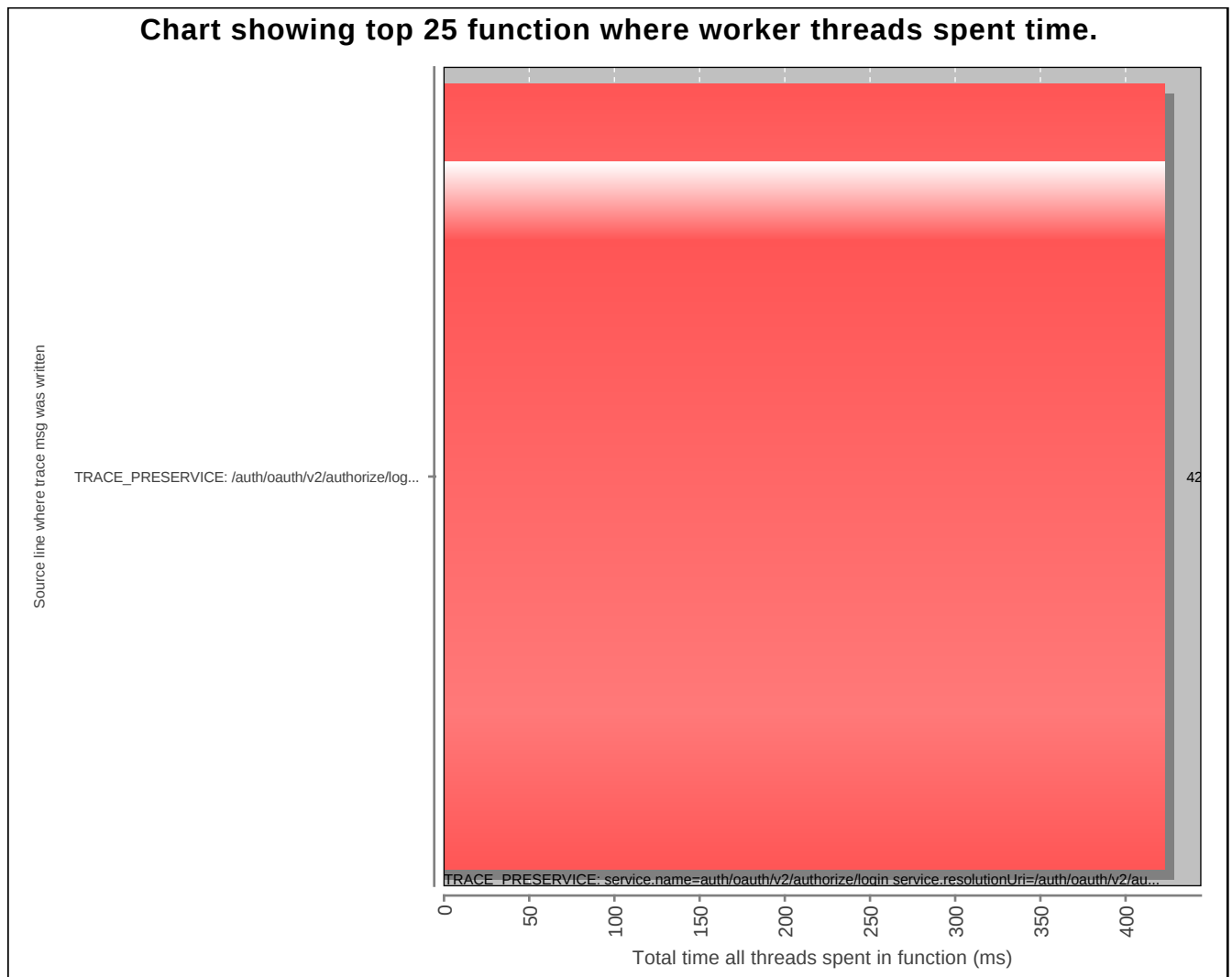
9.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
30 ms - 40 ms	1
80 ms - 90 ms	1
100 ms - 200 ms	2

9.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

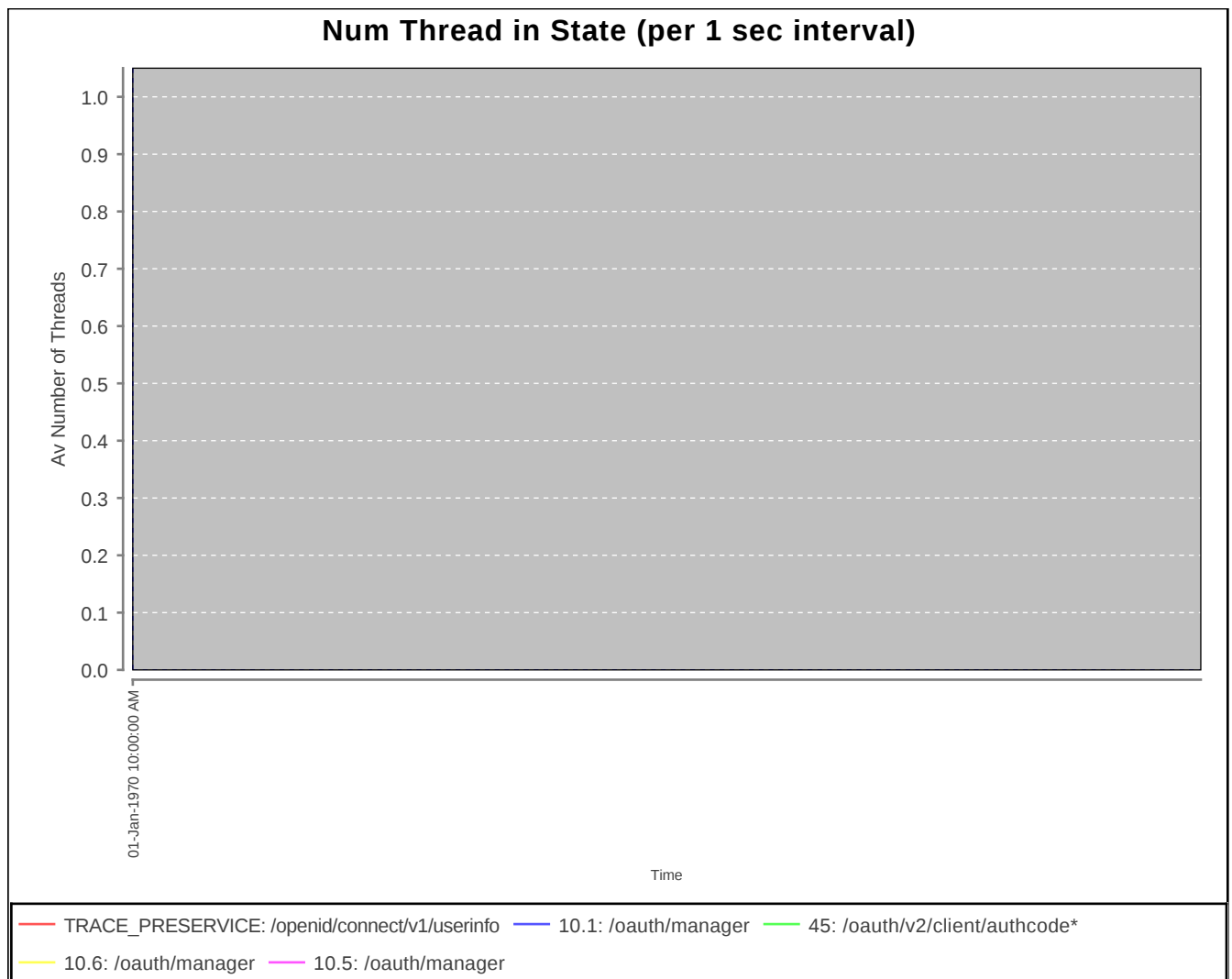
We calculate the delta time between two log entries and assign it to the

9.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /auth/oauth/v2/authorize/login - TRACE_POSTSERVICE: /auth/oauth/v2/authorize/login <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/authorize/login - TRACE_PRESERVICE: service.name=auth/oauth/v2/authorize/login service.resolutionUri=/auth/oauth/v2/authorize/login 192.168.154.1 [2018-11-04T14:19:54.803+11:00] "GET /auth/oauth/v2/authorize/login" 0 To TRACE_POSTSERVICE: /auth/oauth/v2/authorize/login - TRACE_POSTSERVICE: service.name=auth/oauth/v2/authorize/login service.resolutionUri=/auth/oauth/v2/authorize/login 192.168.154.1 [2018-11-04T14:19:54.803+11:00] "GET /auth/oauth/v2/authorize/login" 200 450907 Called 4 Times av time: 105.750 ms (min: 37 ms, max: 169 ms),	423

9.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

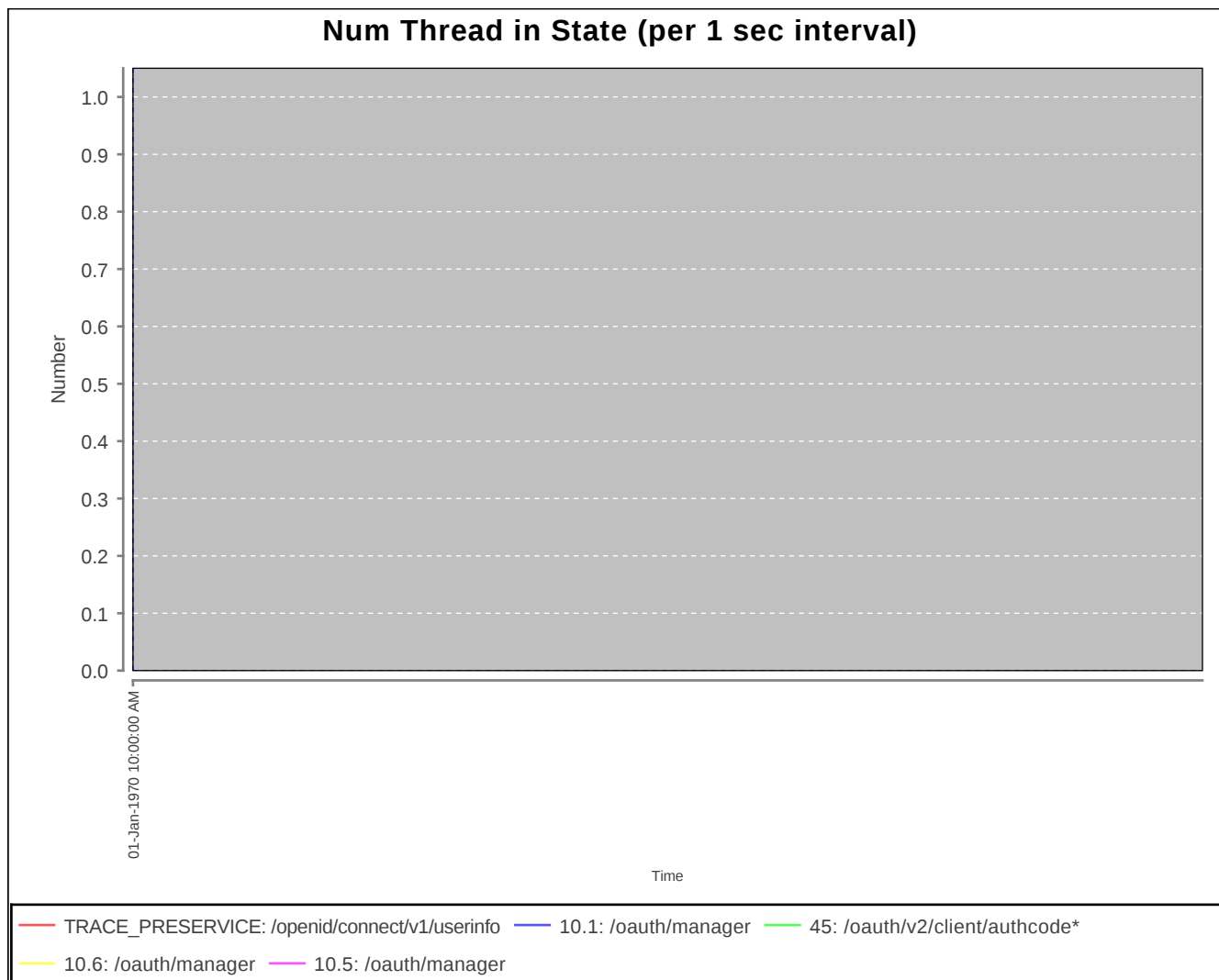
The value shown is the average number of threads, as that gives the best indication of a problem.

For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

9.7. LockDetect_ServiceRequest Table

9.8. LockDetect_Throughput

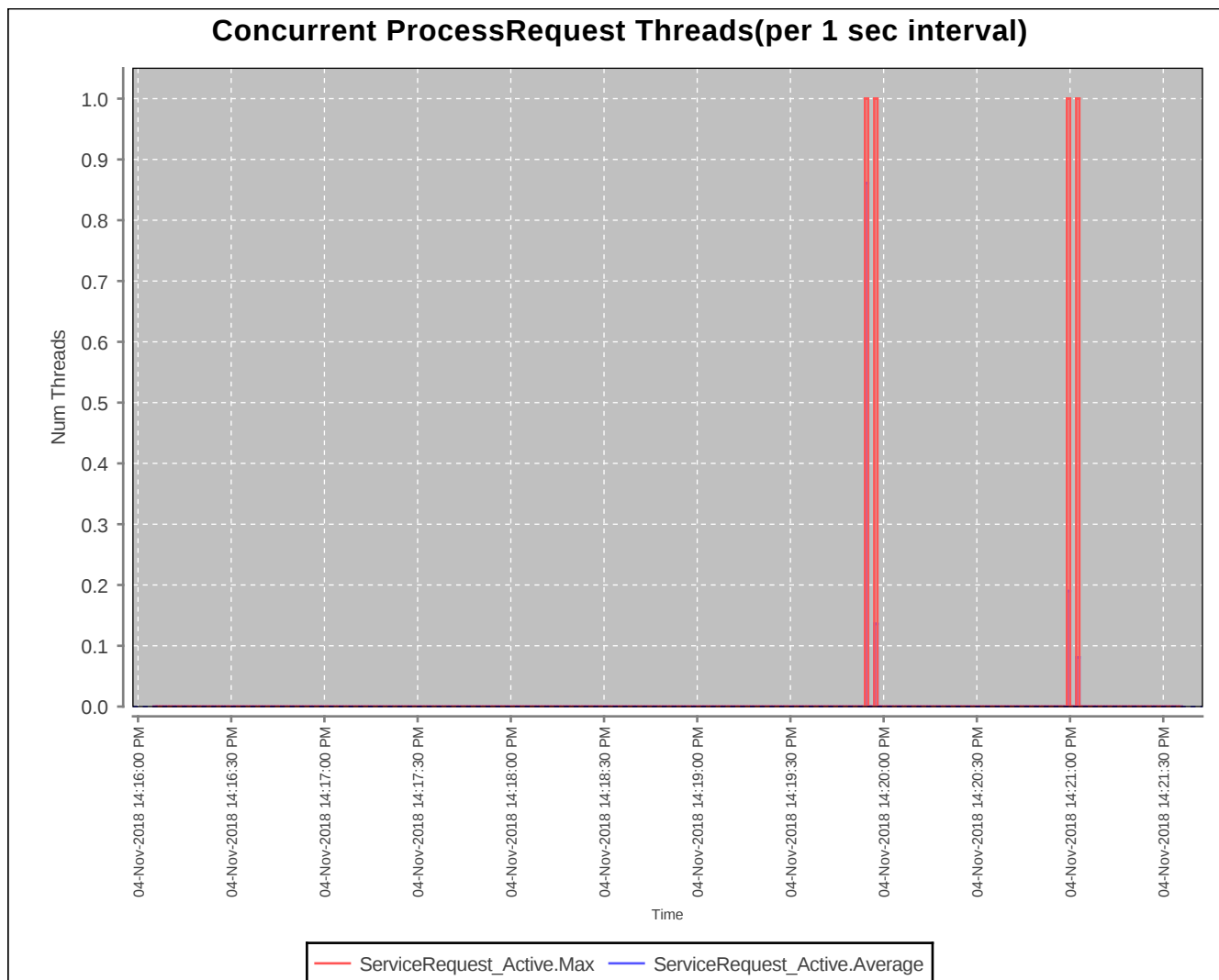
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

9.9. Concurrent_ServiceRequest

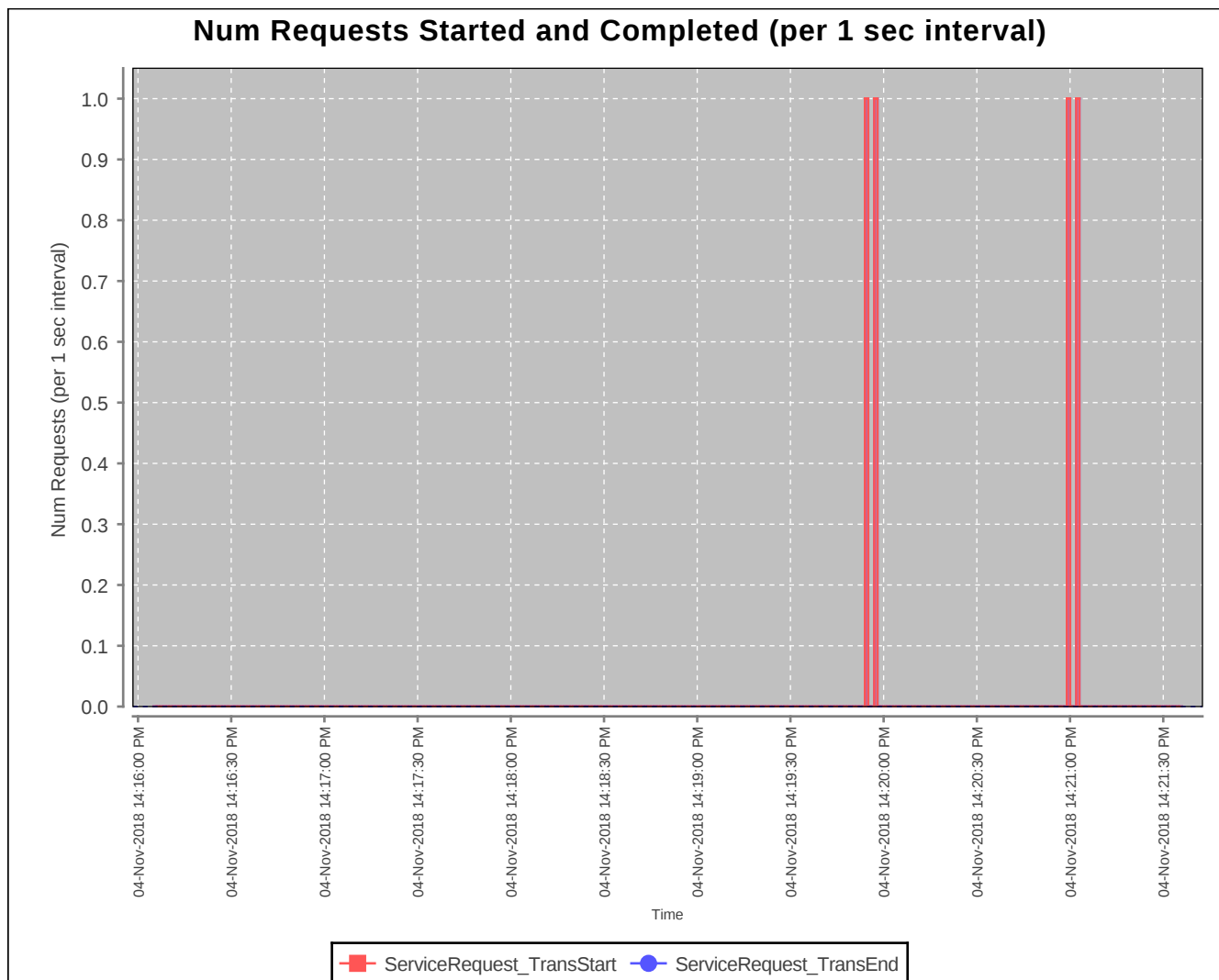
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

9.10. StartAndEnd_ServiceRequest

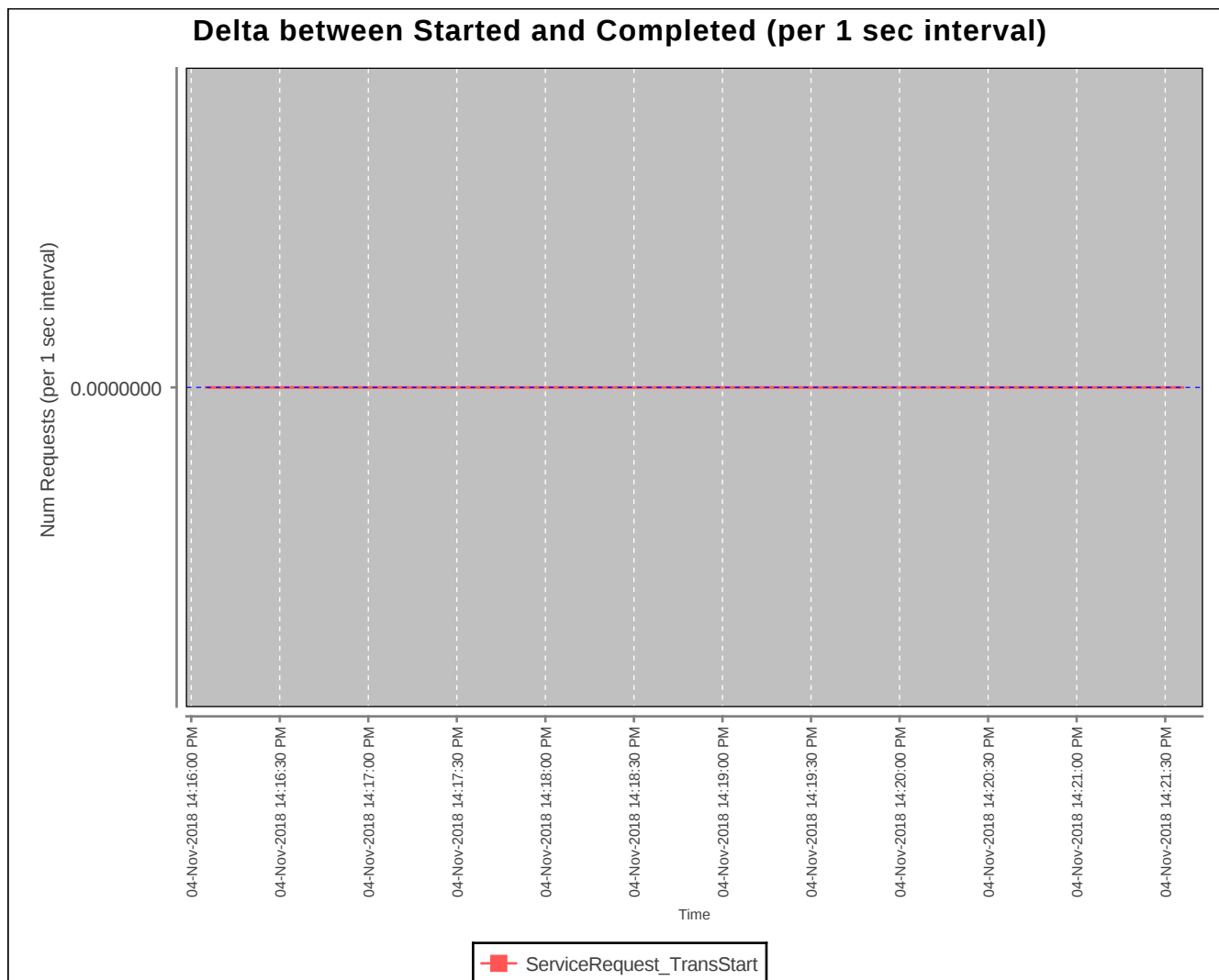
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

9.11. StartAndEndDelta_ServiceRequest

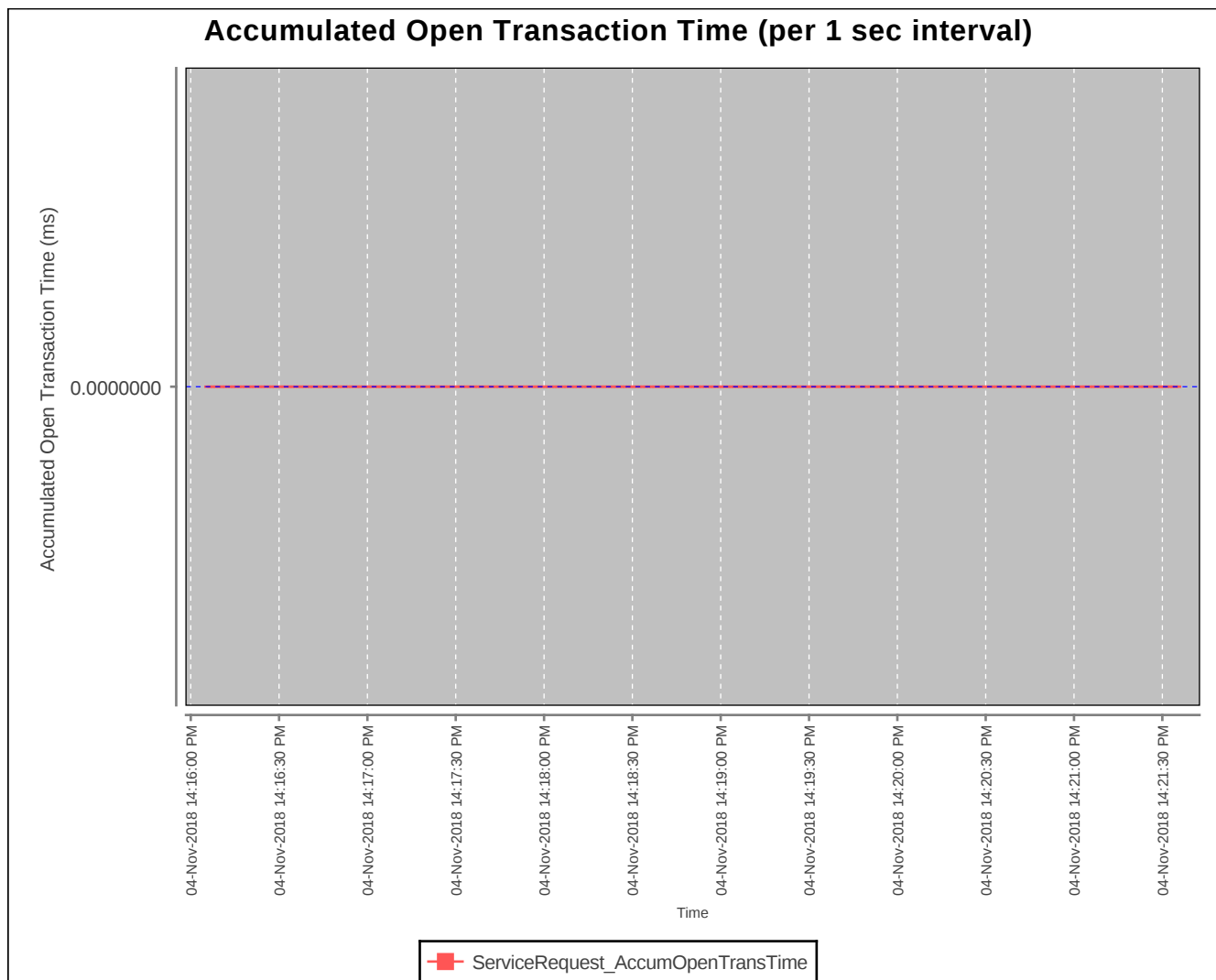
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

9.12. AccumOpenTransTime_ServiceRequest

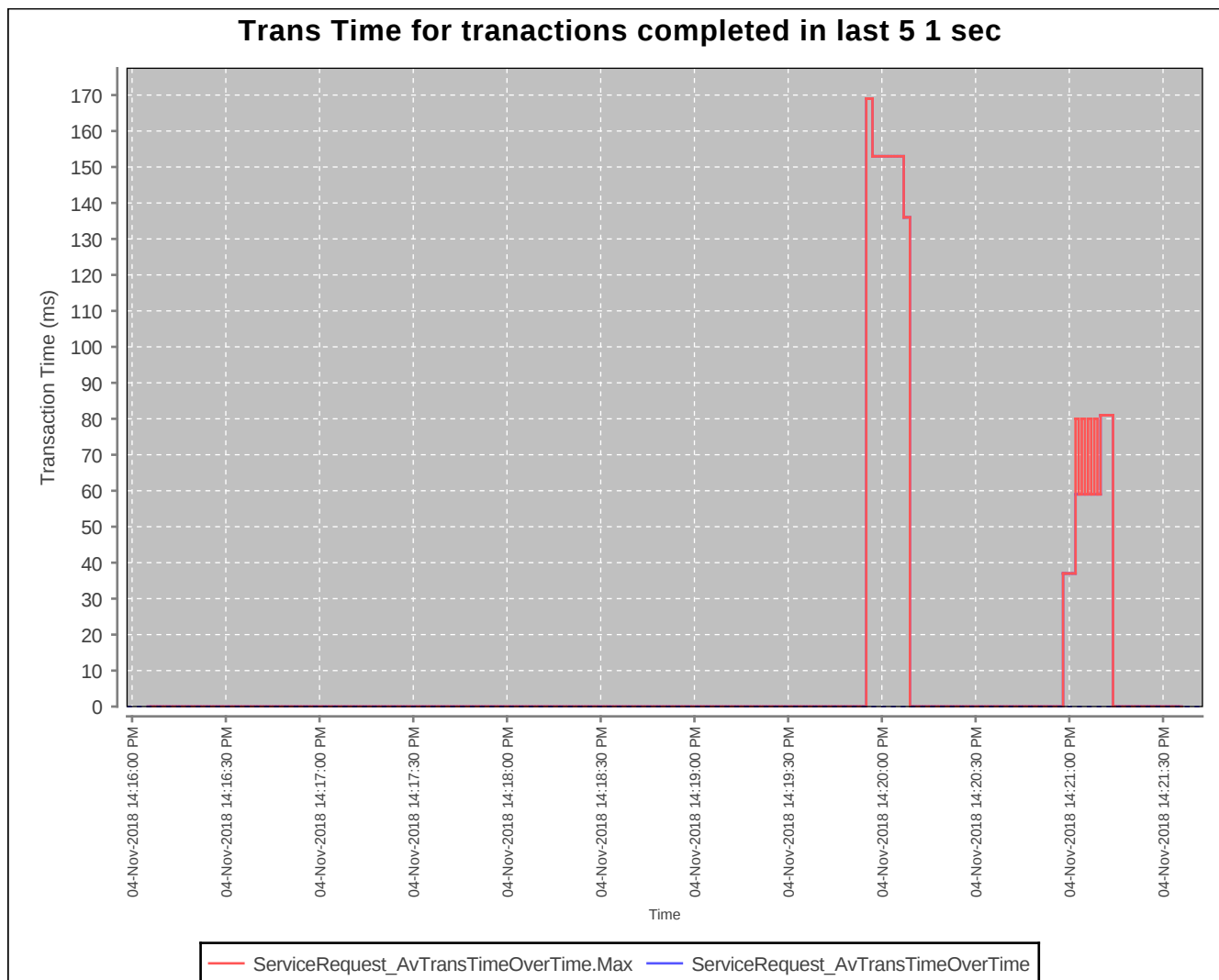
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

9.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

10. Transaction Report : ServiceRequest /oauth/manager/clients

10.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:18:49 AEDT 2018

End Trace Time : Sun Nov 04 14:19:04 AEDT 2018

Trace Time Duration : 15 secs 109 ms

Number of transactions : 2

Average Throughput : 0.13237144 (request/sec)

Average Transaction Time: 419.5ms

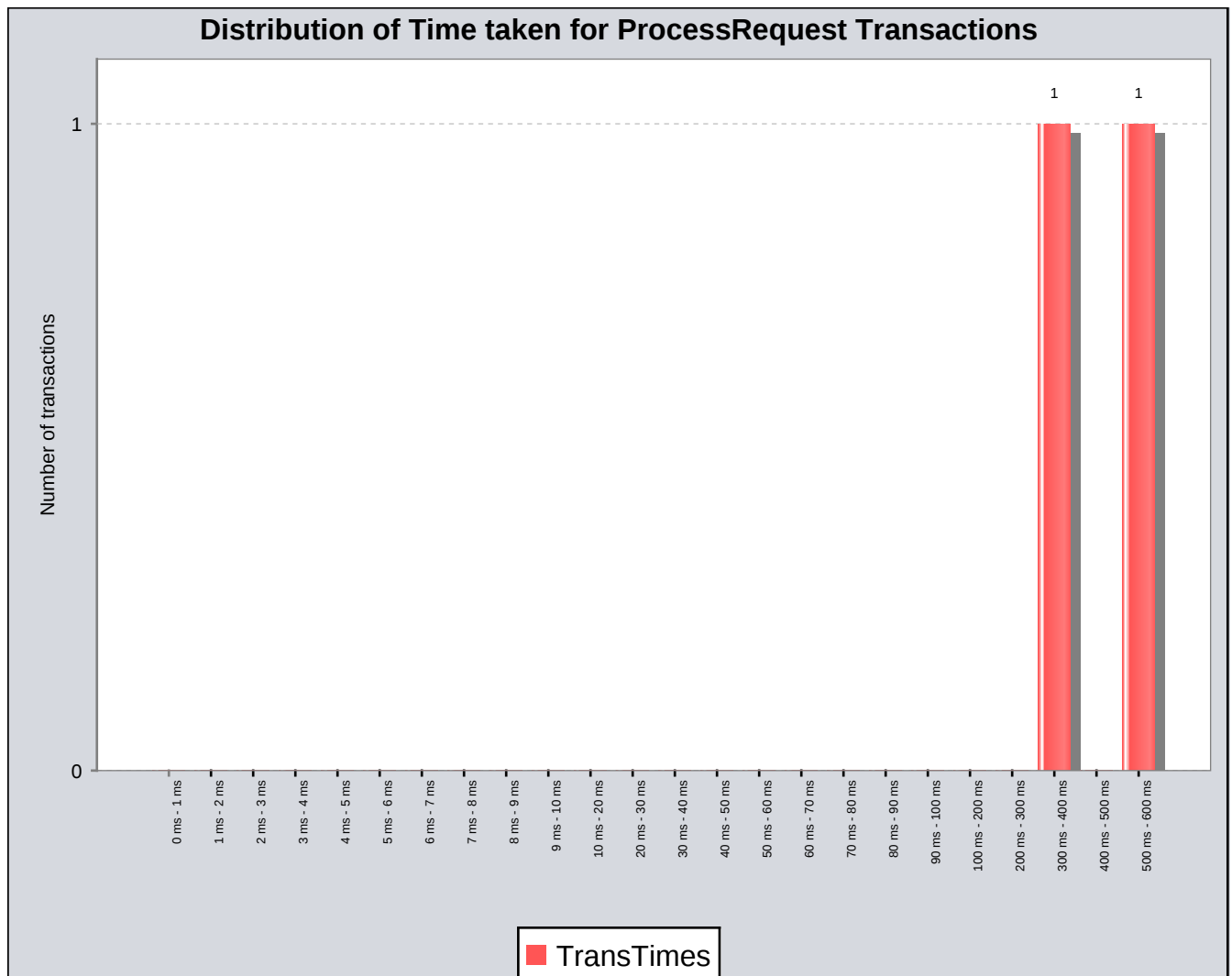
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

10.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

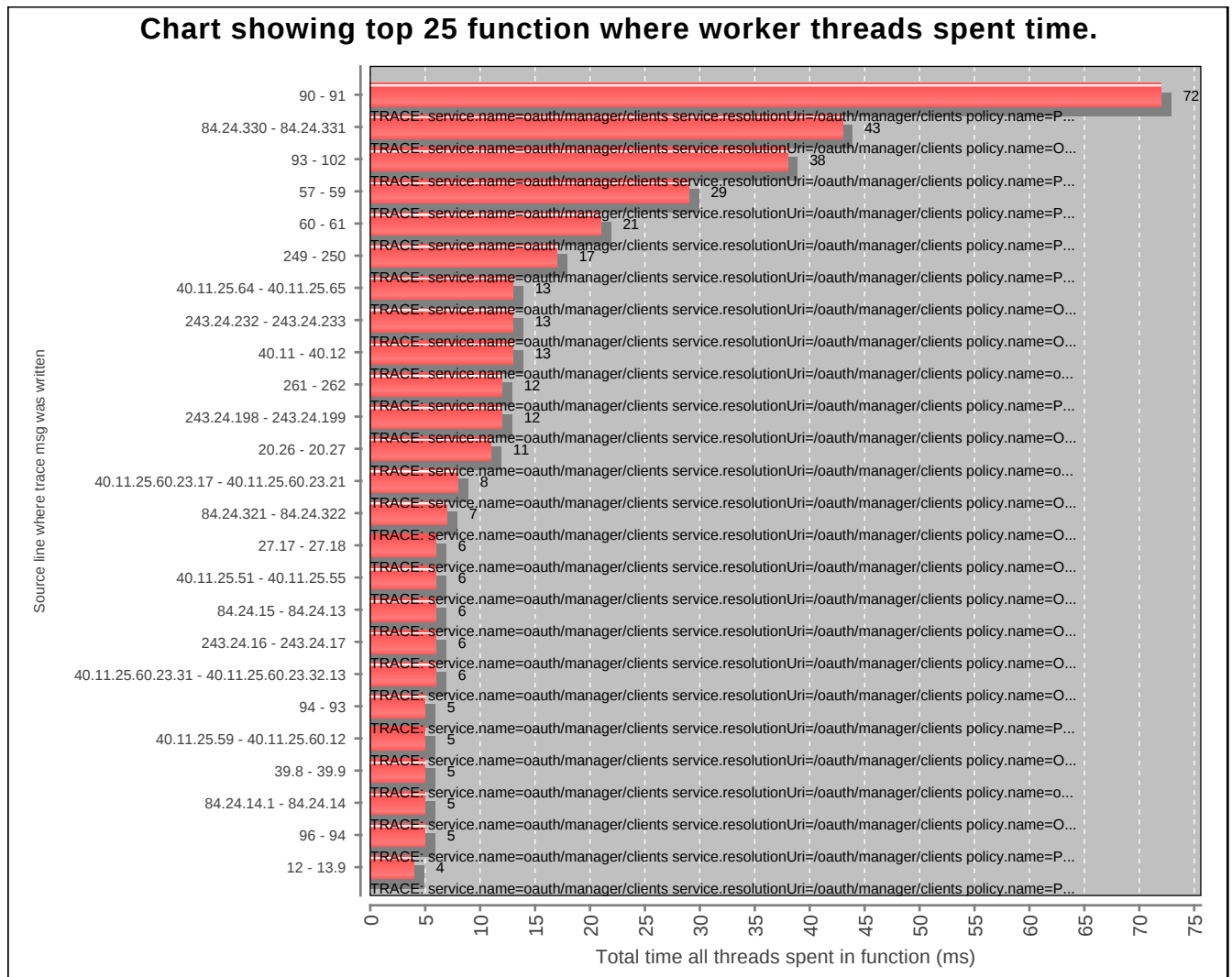
10.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
300 ms - 400 ms	1
500 ms - 600 ms	1

10.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

We calculate the delta time between two log entries and assign it to the

10.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
90 - 91 Sample Transition : From 90: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=90 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529712 assertion.latency=1 status=0 To 91: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=91 assertion.shortname=Apply XSL Transformation assertion.start=1541301529713 assertion.latency=72 status=0 Called 1 Times av time: 72.000 ms (min: 72 ms, max: 72 ms),	72
84.24.330 - 84.24.331 Sample Transition : From 84.24.330: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.330 assertion.shortname=Set Context Variable assertion.start=1541301529640 assertion.latency=0 status=0 To 84.24.331: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.331 assertion.shortname=Apply XSL Transformation assertion.start=1541301529640 assertion.latency=43 status=0 Called 1 Times av time: 43.000 ms (min: 43 ms, max: 43 ms),	43
93 - 102 Sample Transition : From 93: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=93 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529786 assertion.latency=7 status=0 To 102: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=102 assertion.shortname=Return Template Response to Requestor assertion.start=1541301529798 assertion.latency=37 status=0 Called 1 Times av time: 38.000 ms (min: 38 ms, max: 38 ms),	38
57 - 59 Sample Transition : From 57: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=57 assertion.shortname=Compare Expression assertion.start=1541301529549 assertion.latency=0 status=600 To 59: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=59 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529550 assertion.latency=17 status=0 Called 2 Times av time: 14.500 ms (min: 11 ms, max: 18 ms),	29
60 - 61 Sample Transition : From 60: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=60 assertion.shortname=Set Context Variable assertion.start=1541301529568 assertion.latency=0 status=0 To 61: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=61 assertion.shortname=Evaluate Regular Expression assertion.start=1541301529568 assertion.latency=12 status=0 Called 2 Times av time: 10.500 ms (min: 9 ms, max: 12 ms),	21
249 - 250 Sample Transition : From 249: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=249 assertion.shortname=Evaluate Regular Expression assertion.start=1541301544385 assertion.latency=0 status=0 To 250: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=250 assertion.shortname=Apply XSL Transformation assertion.start=1541301544386 assertion.latency=17 status=0 Called 1 Times av time: 17.000 ms (min: 17 ms, max: 17 ms),	17

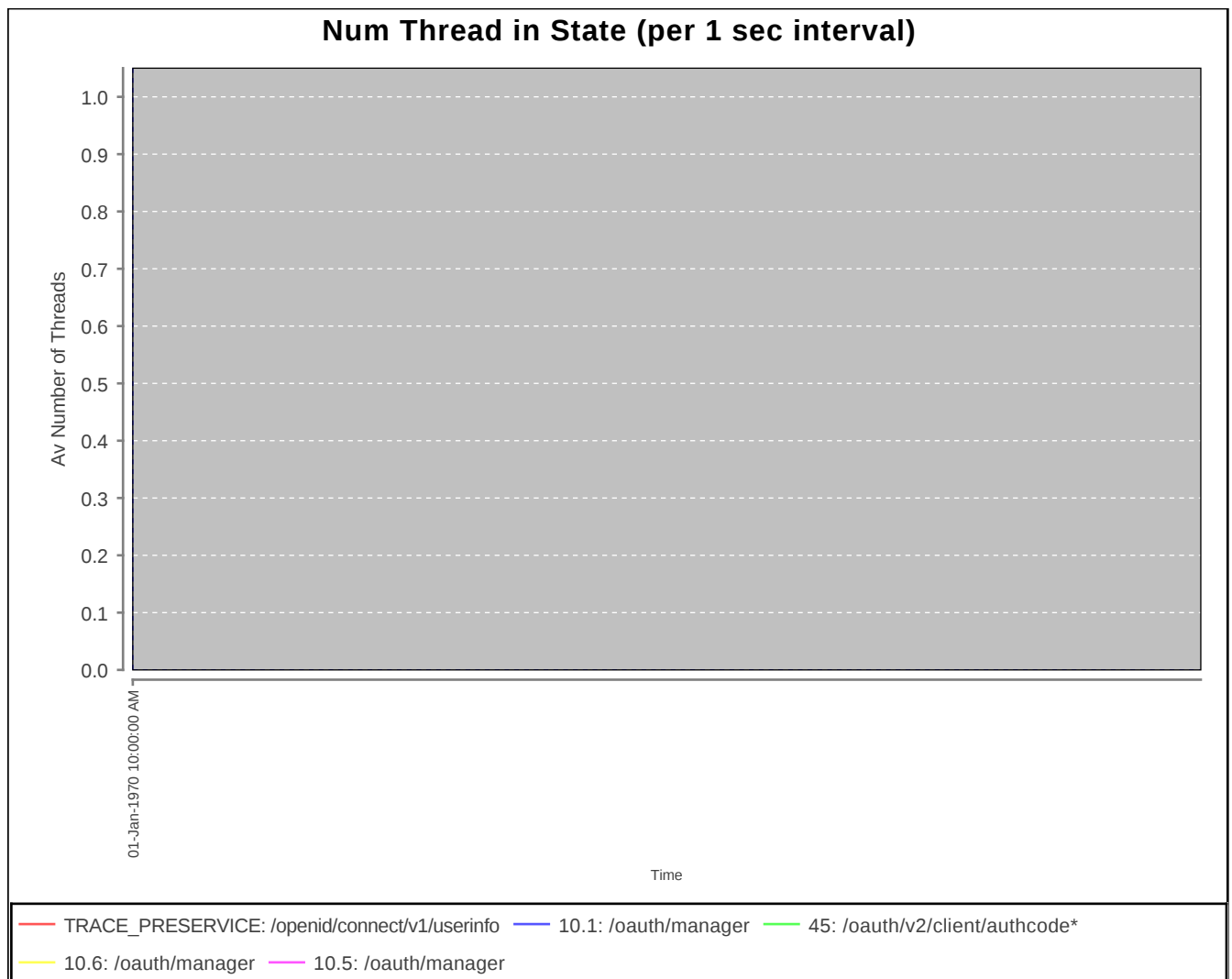
Transition	Total Thread Time (ms)
40.11.25.64 - 40.11.25.65 <i>Sample Transition :</i> From 40.11.25.64: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=40.11.25.64 assertion.shortname=Set Context Variable assertion.start=1541301529493 assertion.latency=0 status=0 To 40.11.25.65: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=40.11.25.65 assertion.shortname=Perform JDBC Query assertion.start=1541301529494 assertion.latency=6 status=0 Called 2 Times av time: 6.500 ms (min: 6 ms, max: 7 ms),	13
243.24.232 - 243.24.233 <i>Sample Transition :</i> From 243.24.232: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=243.24.232 assertion.shortname=Set Context Variable assertion.start=1541301544362 assertion.latency=0 status=0 To 243.24.233: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=243.24.233 assertion.shortname=Apply XSL Transformation assertion.start=1541301544362 assertion.latency=12 status=0 Called 1 Times av time: 13.000 ms (min: 13 ms, max: 13 ms),	13
40.11 - 40.12 <i>Sample Transition :</i> From 40.11: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=oauth manager set valid user policy.guid=21da0471-733a-47d1-a8e0-07384a10cc58 assertion.numberStr=40.11 assertion.shortname=OTK Session GET assertion.start=1541301529413 assertion.latency=105 status=0 To 40.12: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=oauth manager set valid user policy.guid=21da0471-733a-47d1-a8e0-07384a10cc58 assertion.numberStr=40.12 assertion.shortname=Evaluate Response XPath assertion.start=1541301529520 assertion.latency=2 status=0 Called 2 Times av time: 6.500 ms (min: 2 ms, max: 11 ms),	13
261 - 262 <i>Sample Transition :</i> From 261: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=261 assertion.shortname=Set Context Variable assertion.start=1541301544408 assertion.latency=0 status=0 To 262: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=262 assertion.shortname=Return Template Response to Requestor assertion.start=1541301544408 assertion.latency=11 status=0 Called 1 Times av time: 12.000 ms (min: 12 ms, max: 12 ms),	12
243.24.198 - 243.24.199 <i>Sample Transition :</i> From 243.24.198: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=243.24.198 assertion.shortname=Compare Expression assertion.start=1541301544347 assertion.latency=0 status=0 To 243.24.199: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=243.24.199 assertion.shortname=Perform JDBC Query assertion.start=1541301544347 assertion.latency=12 status=0 Called 1 Times av time: 12.000 ms (min: 12 ms, max: 12 ms),	12
20.26 - 20.27 <i>Sample Transition :</i> From 20.26: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=20.26 assertion.shortname=Set Context Variable assertion.start=1541301529360 assertion.latency=1 status=0 To 20.27: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=oauth manager config policy.guid=02dfa7fb-807f-4e55-a4d1-7a942b7fbc9f assertion.numberStr=20.27 assertion.shortname=Compare Expression assertion.start=1541301529370 assertion.latency=1 status=600 Called 2 Times av time: 5.500 ms (min: 1 ms, max: 10 ms),	11

Transition	Total Thread Time (ms)
40.11.25.60.23.17 - 40.11.25.60.23.21 <i>Sample Transition :</i> From 40.11.25.60.23.17: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711ffd738d assertion.numberStr=40.11.25.60.23.17 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529462 assertion.latency=2 status=0 To 40.11.25.60.23.21: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711ffd738d assertion.numberStr=40.11.25.60.23.21 assertion.shortname=Compare Expression assertion.start=1541301529464 assertion.latency=7 status=600 Called 2 Times av time: 4.000 ms (min: 1 ms, max: 7 ms),	8
84.24.321 - 84.24.322 <i>Sample Transition :</i> From 84.24.321: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.321 assertion.shortname=Compare Expression assertion.start=1541301529630 assertion.latency=0 status=0 To 84.24.322: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.322 assertion.shortname=Perform JDBC Query assertion.start=1541301529631 assertion.latency=6 status=0 Called 1 Times av time: 7.000 ms (min: 7 ms, max: 7 ms),	7
27.17 - 27.18 <i>Sample Transition :</i> From 27.17: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Require SSL (with Client Certificate) policy.guid=b598a733-5faf-439a-9aaf-088ca73d102e assertion.numberStr=27.17 assertion.shortname=Compare Expression assertion.start=1541301529387 assertion.latency=0 status=0 To 27.18: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Require SSL (with Client Certificate) policy.guid=b598a733-5faf-439a-9aaf-088ca73d102e assertion.numberStr=27.18 assertion.shortname=Require SSL or TLS Transport assertion.start=1541301529388 assertion.latency=0 status=0 Called 2 Times av time: 3.000 ms (min: 1 ms, max: 5 ms),	6
40.11.25.51 - 40.11.25.55 <i>Sample Transition :</i> From 40.11.25.51: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=40.11.25.51 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529434 assertion.latency=0 status=0 To 40.11.25.55: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=40.11.25.55 assertion.shortname=Compare Expression assertion.start=1541301529435 assertion.latency=5 status=600 Called 2 Times av time: 3.000 ms (min: 1 ms, max: 5 ms),	6
84.24.15 - 84.24.13 <i>Sample Transition :</i> From 84.24.15: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.15 assertion.shortname=All assertions must evaluate to true assertion.start=1541301529605 assertion.latency=83 status=0 To 84.24.13: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.13 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529598 assertion.latency=90 status=0 Called 1 Times av time: 6.000 ms (min: 6 ms, max: 6 ms),	6
243.24.16 - 243.24.17 <i>Sample Transition :</i> From 243.24.16: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=243.24.16 assertion.shortname=Compare Expression assertion.start=1541301544323 assertion.latency=2 status=0 To 243.24.17: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=243.24.17 assertion.shortname=Set Context Variable assertion.start=1541301544325 assertion.latency=0 status=0 Called 1 Times av time: 6.000 ms (min: 6 ms, max: 6 ms),	6

Transition	Total Thread Time (ms)
40.11.25.60.23.31 - 40.11.25.60.23.32.13 <i>Sample Transition :</i> From 40.11.25.60.23.31: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Cache Handler policy.guid=65eff071-9a97-415b-8ebb-8e711fd738d assertion.numberStr=40.11.25.60.23.31 assertion.shortname=Compare Expression assertion.start=1541301529477 assertion.latency=2 status=0 To 40.11.25.60.23.32.13: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Cache Look Up Customization policy.guid=df0a2c11-cf6e-47da-84c0-032bf7f3b6d2 assertion.numberStr=40.11.25.60.23.32.13 assertion.shortname=Look Up in Cache assertion.start=1541301529482 assertion.latency=1 status=600 Called 2 Times av time: 3.000 ms (min: 2 ms, max: 4 ms),	6
94 - 93 <i>Sample Transition :</i> From 94: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=94 assertion.shortname=All assertions must evaluate to true assertion.start=1541301529786 assertion.latency=7 status=0 To 93: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=93 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529786 assertion.latency=7 status=0 Called 1 Times av time: 5.000 ms (min: 5 ms, max: 5 ms),	5
40.11.25.59 - 40.11.25.60.12 <i>Sample Transition :</i> From 40.11.25.59: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Session DB policy.guid=d729d2ae-e3a0-4775-8225-5d5b25708819 assertion.numberStr=40.11.25.59 assertion.shortname=Set Context Variable assertion.start=1541301529445 assertion.latency=0 status=0 To 40.11.25.60.12: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Cache Look Up policy.guid=fb88be42-83e7-4d36-a865-34e53d44218 assertion.numberStr=40.11.25.60.12 assertion.shortname=Compare Expression assertion.start=1541301529450 assertion.latency=0 status=0 Called 2 Times av time: 2.500 ms (min: 1 ms, max: 4 ms),	5
39.8 - 39.9 <i>Sample Transition :</i> From 39.8: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=39.8 assertion.shortname=Require HTTP Cookie assertion.start=1541301529397 assertion.latency=1 status=0 To 39.9: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=oauth manager validate cookie policy.guid=3d18cfd8-631f-48f1-b154-c11b85df2fb9 assertion.numberStr=39.9 assertion.shortname=Encode/Decode Data assertion.start=1541301529401 assertion.latency=0 status=0 Called 2 Times av time: 2.500 ms (min: 1 ms, max: 4 ms),	5
84.24.14.1 - 84.24.14 <i>Sample Transition :</i> From 84.24.14.1: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Client DB GET Extension policy.guid=87a6a63d-7cc1-49bc-aab2-6e6c10e2659a assertion.numberStr=84.24.14.1 assertion.shortname=All assertions must evaluate to true assertion.start=1541301529598 assertion.latency=1 status=600 To 84.24.14: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=OTK Manager Client DB GET policy.guid=823c8175-483b-41e2-8622-7b61057bc151 assertion.numberStr=84.24.14 assertion.shortname=Include Policy Fragment assertion.start=1541301529598 assertion.latency=2 status=600 Called 1 Times av time: 5.000 ms (min: 5 ms, max: 5 ms),	5
96 - 94 <i>Sample Transition :</i> From 96: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=96 assertion.shortname=At least one assertion must evaluate to true assertion.start=1541301529786 assertion.latency=1 status=0 To 94: /oauth/manager/clients - TRACE: service.name=oauth/manager/clients service.resolutionUri=/oauth/manager/clients policy.name=Policy for service #e001cfd0c1c1ffaa18e187b5e72fea90, oauth/manager/clients policy.guid=d8a445bb-939c-40b7-abfe-743c00e14325 assertion.numberStr=94 assertion.shortname=All assertions must evaluate to true assertion.start=1541301529786 assertion.latency=7 status=0 Called 1 Times av time: 5.000 ms (min: 5 ms, max: 5 ms),	5

10.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

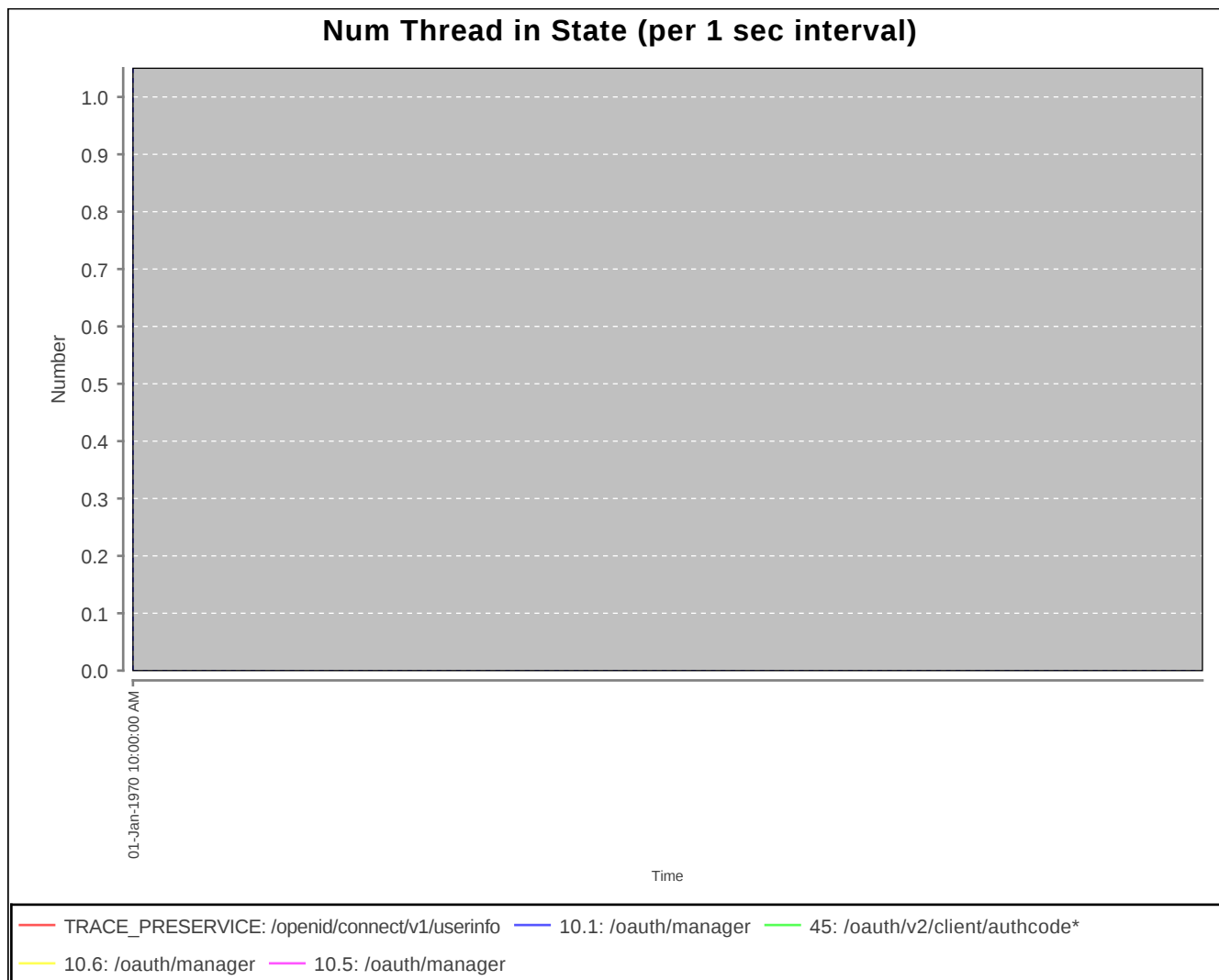
The value shown is the average number of threads, as that gives the best indication of a problem.

For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

10.7. LockDetect_ServiceRequest Table

10.8. LockDetect_Throughput

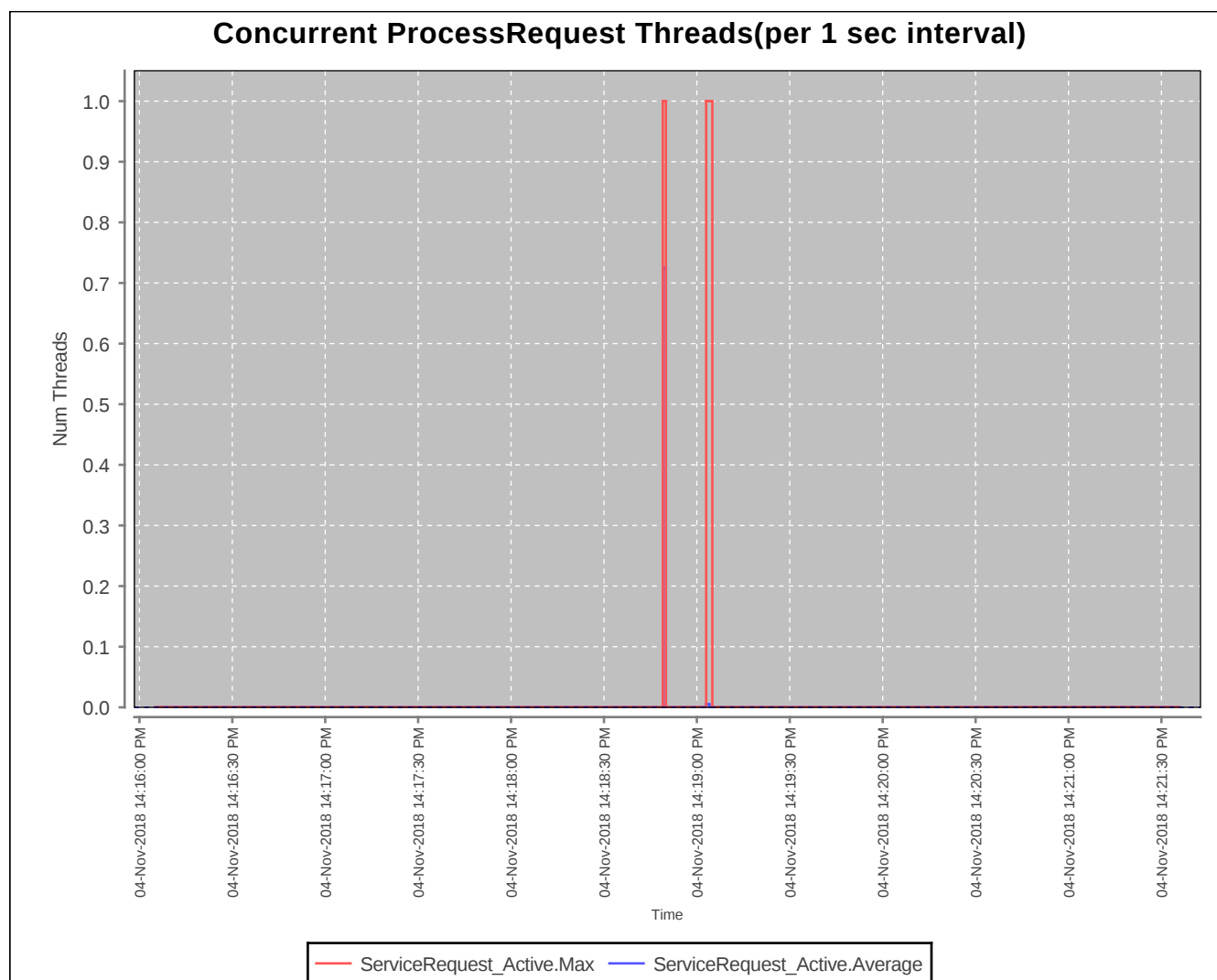
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

10.9. Concurrent_ServiceRequest

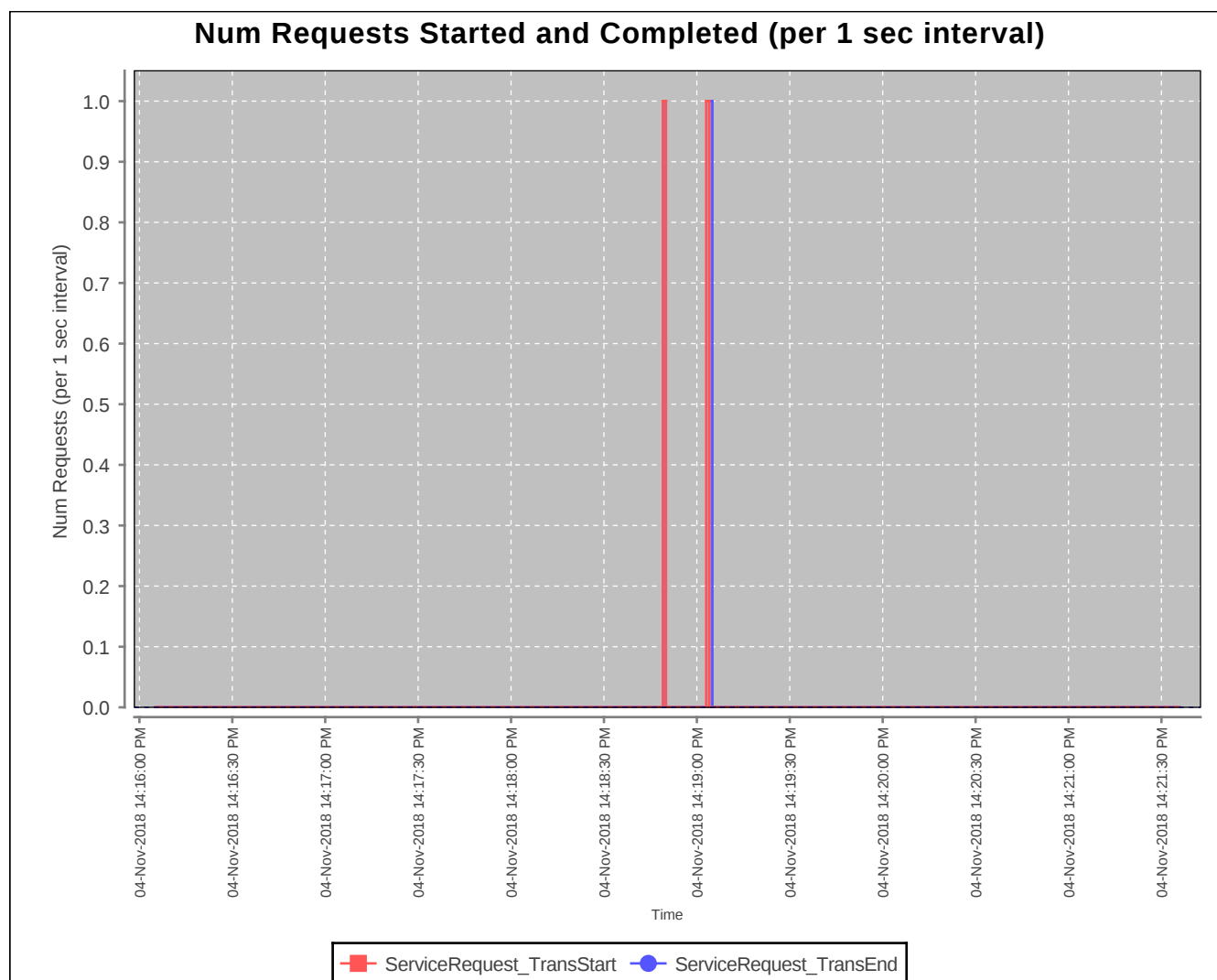
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

10.10. StartAndEnd_ServiceRequest

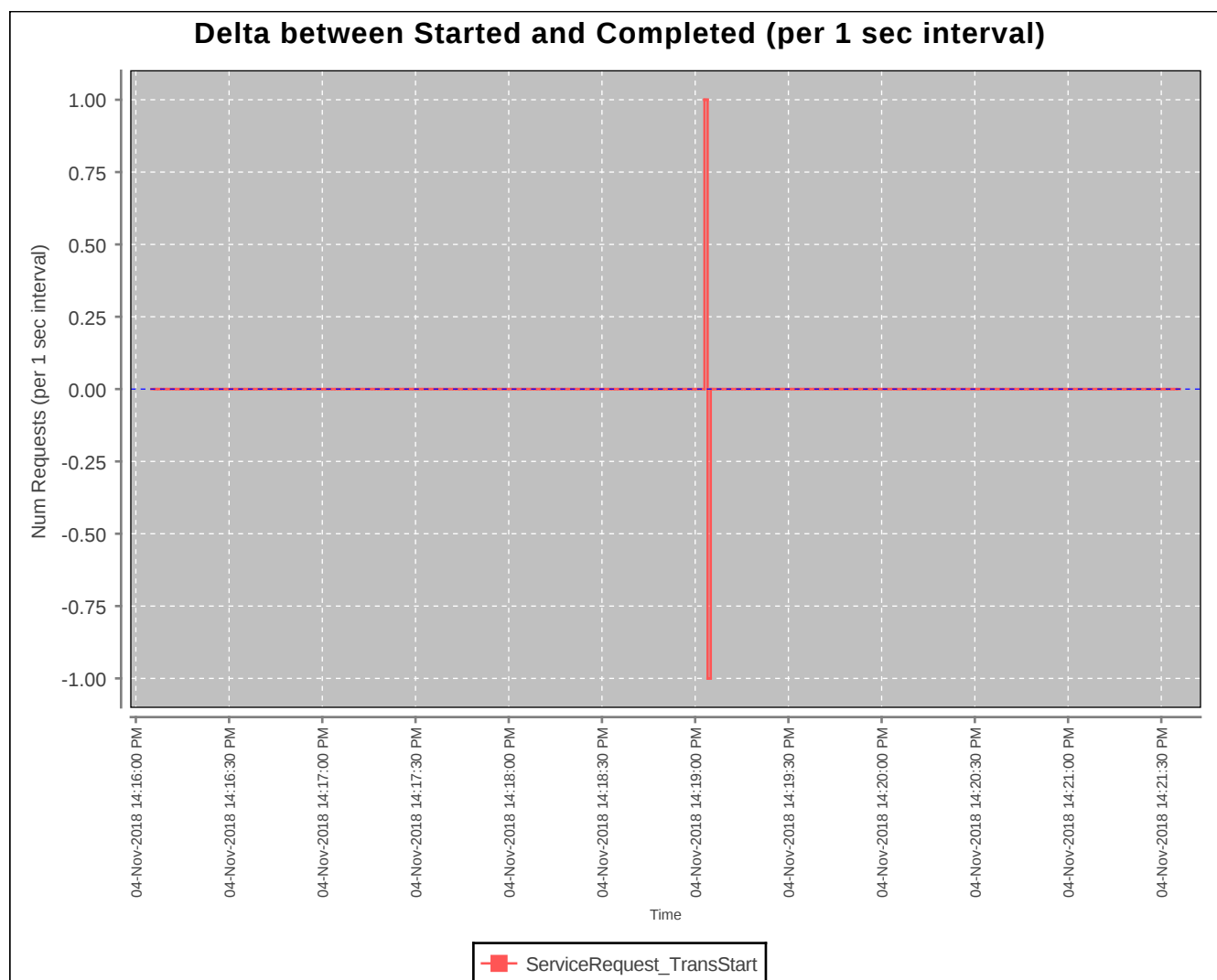
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

10.11. StartAndEndDelta_ServiceRequest

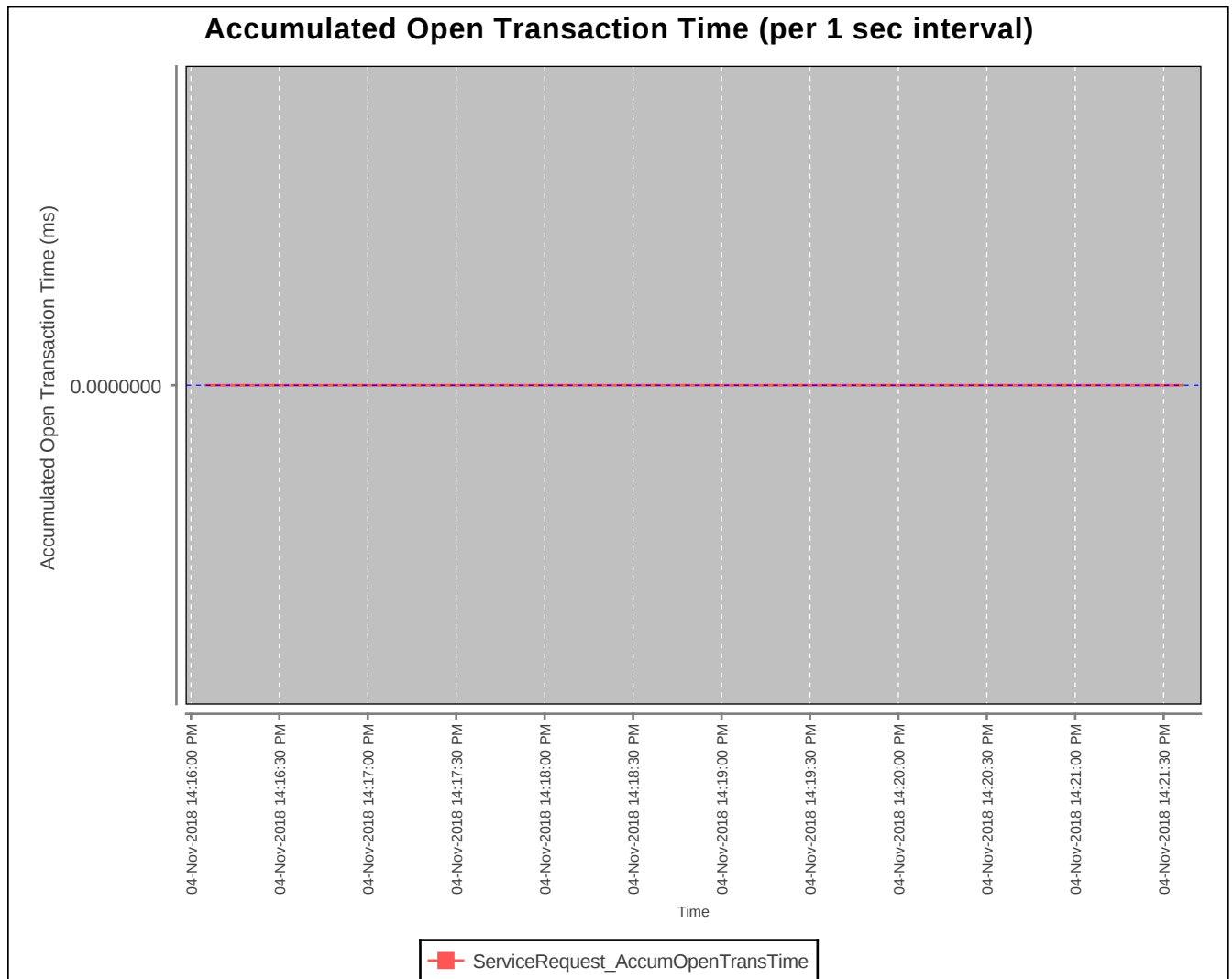
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

10.12. AccumOpenTransTime_ServiceRequest

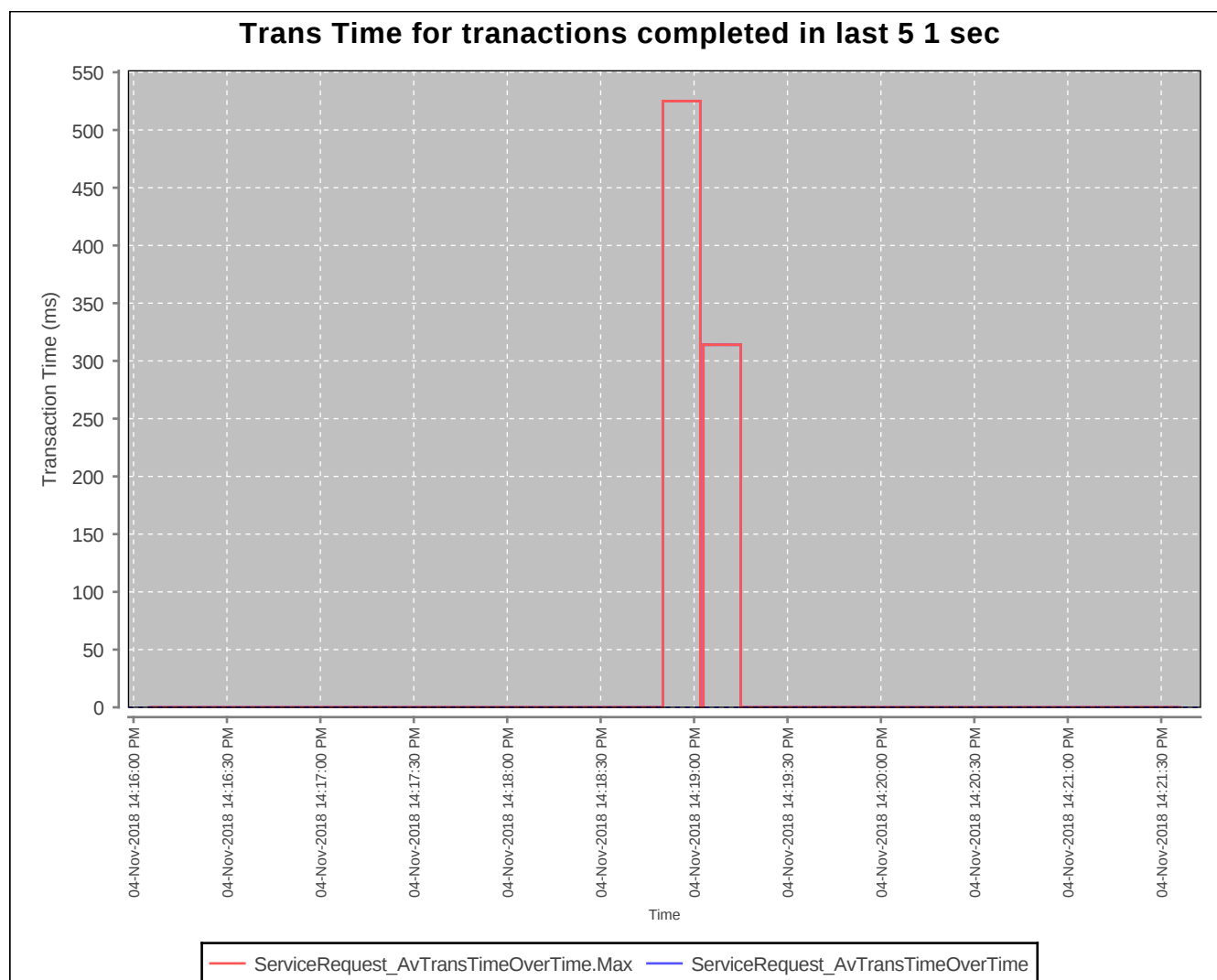
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

10.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec



Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

11. Transaction Report : ServiceRequest /auth/oauth/v2/token

11.1. Summary ServiceRequest

ServiceRequest Transaction Times A transaction is defined as starting when a thread does a 'Start new request' pattern in the message until it finds a 'end new request' pattern in the message.

Start Trace Time : Sun Nov 04 14:20:11 AEDT 2018

End Trace Time : Sun Nov 04 14:21:14 AEDT 2018

Trace Time Duration : 1 min 3 secs 678 ms

Number of transactions : 2

Average Throughput : 0.03140802 (request/sec)

Average Transaction Time: 221.0ms

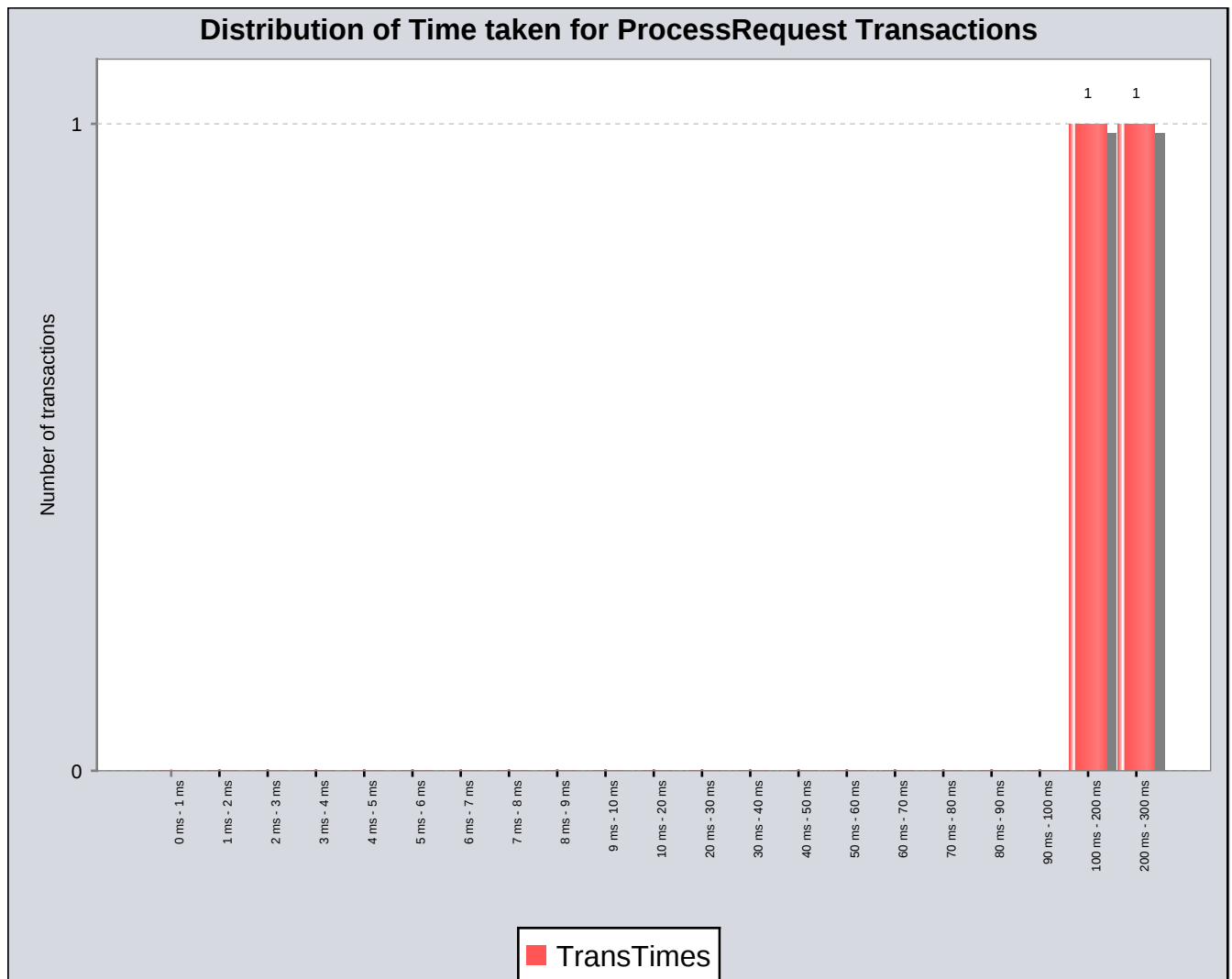
There are 0 transactions that took less than 1ms to perform

The av is calculated assuming made is that these took 0.5ms to perform

Exceeded Grace Time : 0 transactions exceeded grace time of 10 secs (10000 ms)

11.2. Graph ServiceRequest

Chart : Distribution of Time taken for ProcessRequest Transactions



A graph showing distribution of times taken to process a 'ProcessRequest' transaction

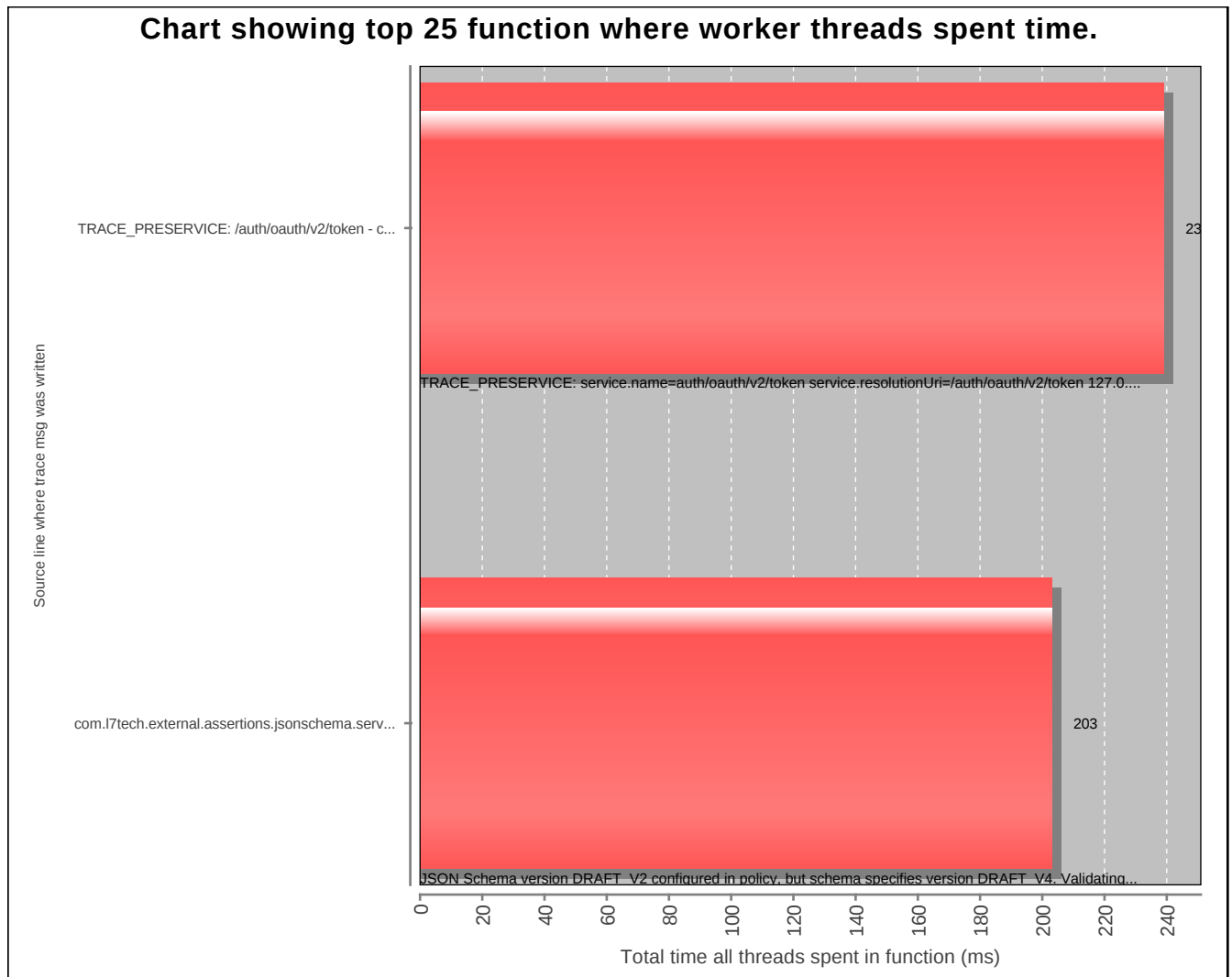
11.3. Table ServiceRequest

Transaction Time Distribution

Transaction Time	Count
100 ms - 200 ms	1
200 ms - 300 ms	1

11.4. SrcLine Graph ServiceRequest

Chart : Chart showing top 25 function where worker threads spent time.



This graph shows (roughly) where worker threads spent most time in processing a transaction. It shows the src line of code, where the message was written, a sample message (in this case the first message seen), and the total time in ms threads spent time processing to get from the prior trace message to this one.

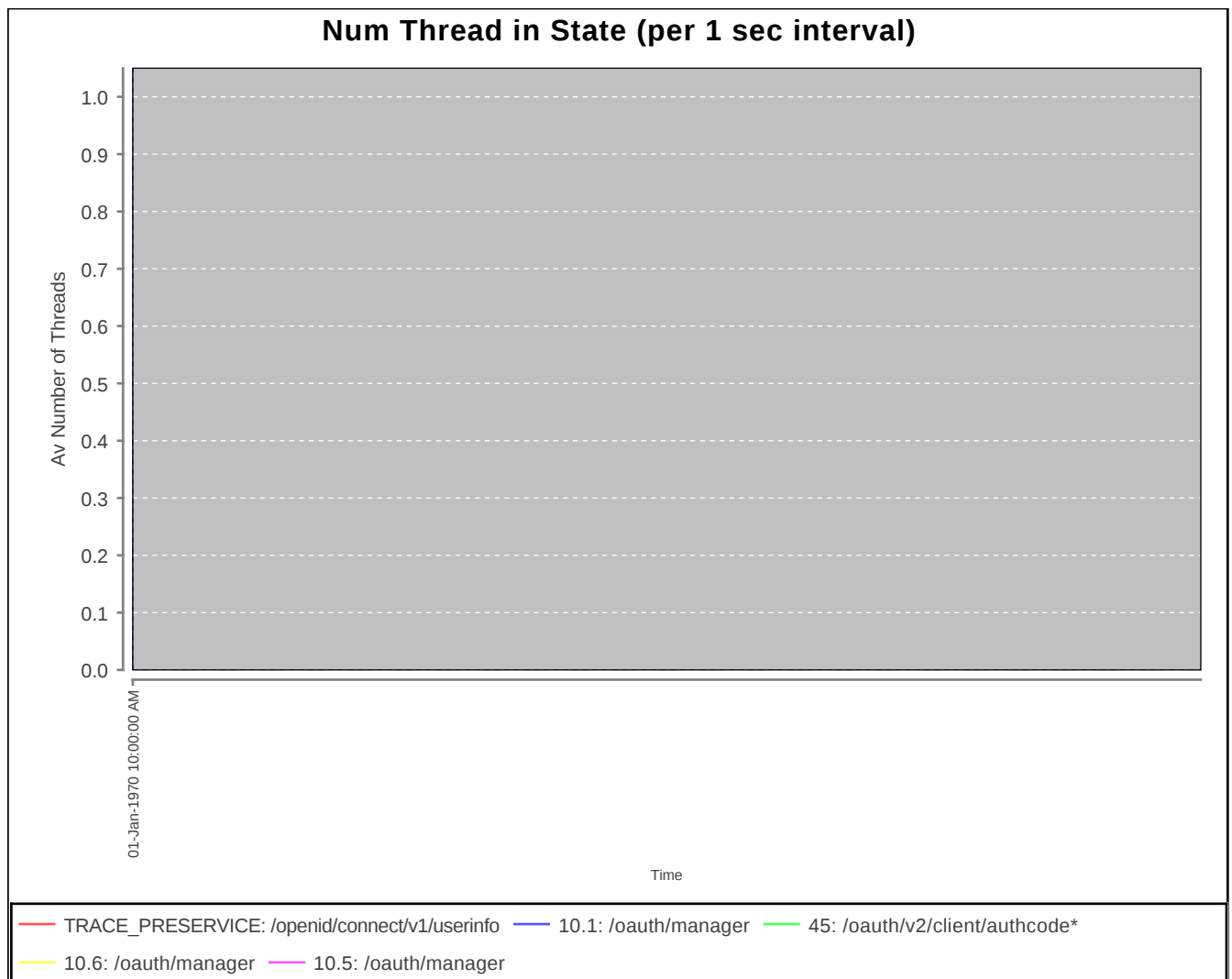
We calculate the delta time between two log entries and assign it to the

11.5. SrcLine Table ServiceRequest

Transition	Total Thread Time (ms)
TRACE_PRESERVICE: /auth/oauth/v2/token - com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion <i>Sample Transition :</i> From TRACE_PRESERVICE: /auth/oauth/v2/token - TRACE_PRESERVICE: service.name=auth/oauth/v2/token service.resolutionUri=/auth/oauth/v2/token 127.0.0.1 [2018-11-04T14:20:11.115+11:00] "POST /auth/oauth/v2/token" 0 To com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 Called 2 Times av time: 119.500 ms (min: 38 ms, max: 201 ms),	239
com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - TRACE_POSTSERVICE: /auth/oauth/v2/token <i>Sample Transition :</i> From com.l7tech.external.assertions.jsonschema.server.ServerJSONSchemaAssertion - JSON Schema version DRAFT_V2 configured in policy, but schema specifies version DRAFT_V4. Validating as DRAFT_V2 To TRACE_POSTSERVICE: /auth/oauth/v2/token - TRACE_POSTSERVICE: service.name=auth/oauth/v2/token service.resolutionUri=/auth/oauth/v2/token 127.0.0.1 [2018-11-04T14:20:11.115+11:00] "POST /auth/oauth/v2/token" 200 186 Called 2 Times av time: 101.500 ms (min: 74 ms, max: 129 ms),	203

11.6. LockDetect

Chart : Num Thread in State (per 1 sec interval)



This graph shows the top 5 potential lock or resource bottlenecks. It shows the average of how many separate threads are caught at the same part of the transaction at the same time, as measured by having the same trace log [srcFile] entry. If many threads are caught at the same point, that can either be an indication that threads are caught waiting for a lock, such as for access to a limited resource pool (perhaps waiting for a free LDAP connection). Or it can be an indication of a resource bottleneck, where at that point several threads are all waiting on a common backend request, such as a database request, to complete.

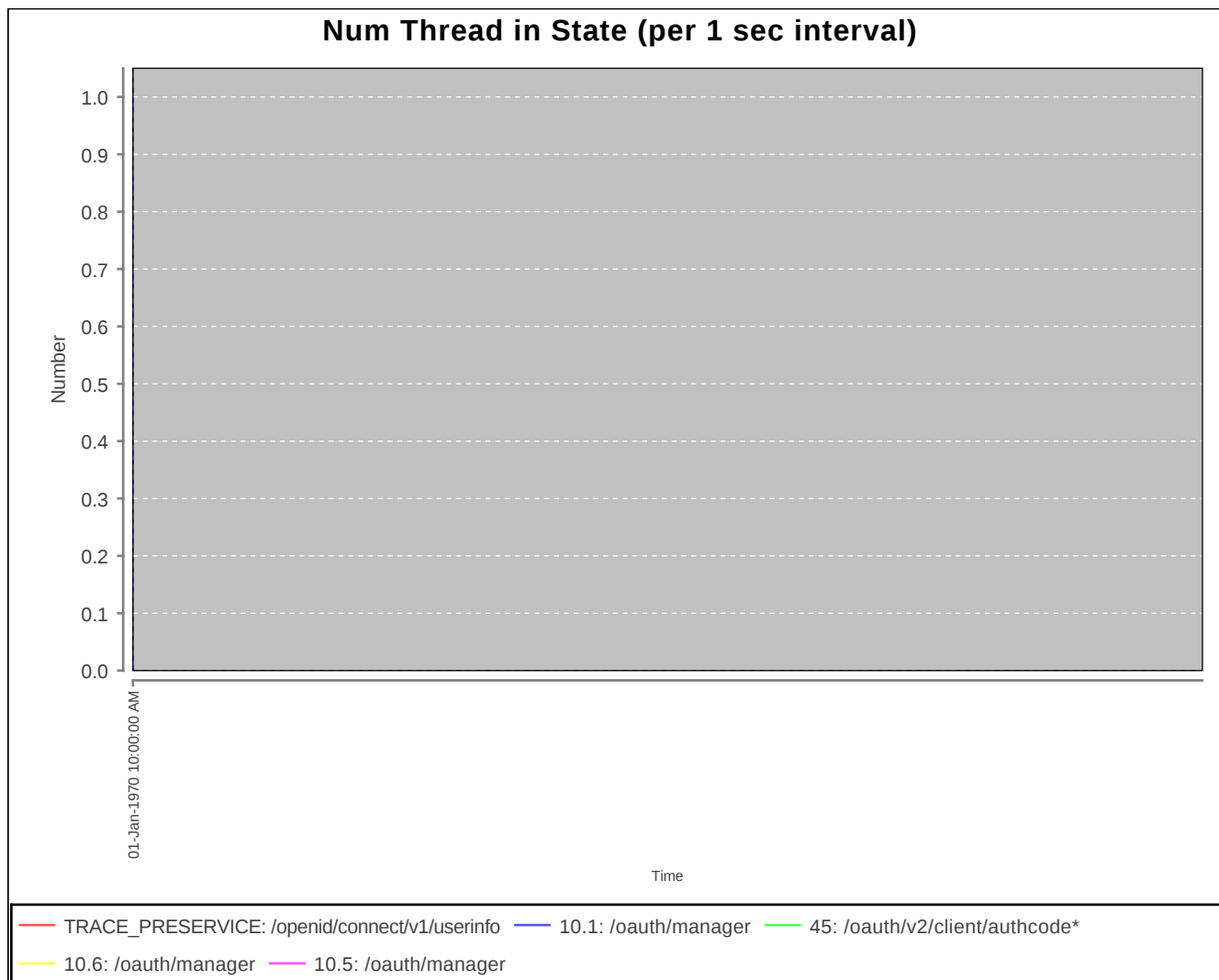
The value shown is the average number of threads, as that gives the best indication of a problem.

For more details of each state, see the previous section which has more details about each [SrcFile] line entry.

11.7. LockDetect_ServiceRequest Table

11.8. LockDetect_Throughput

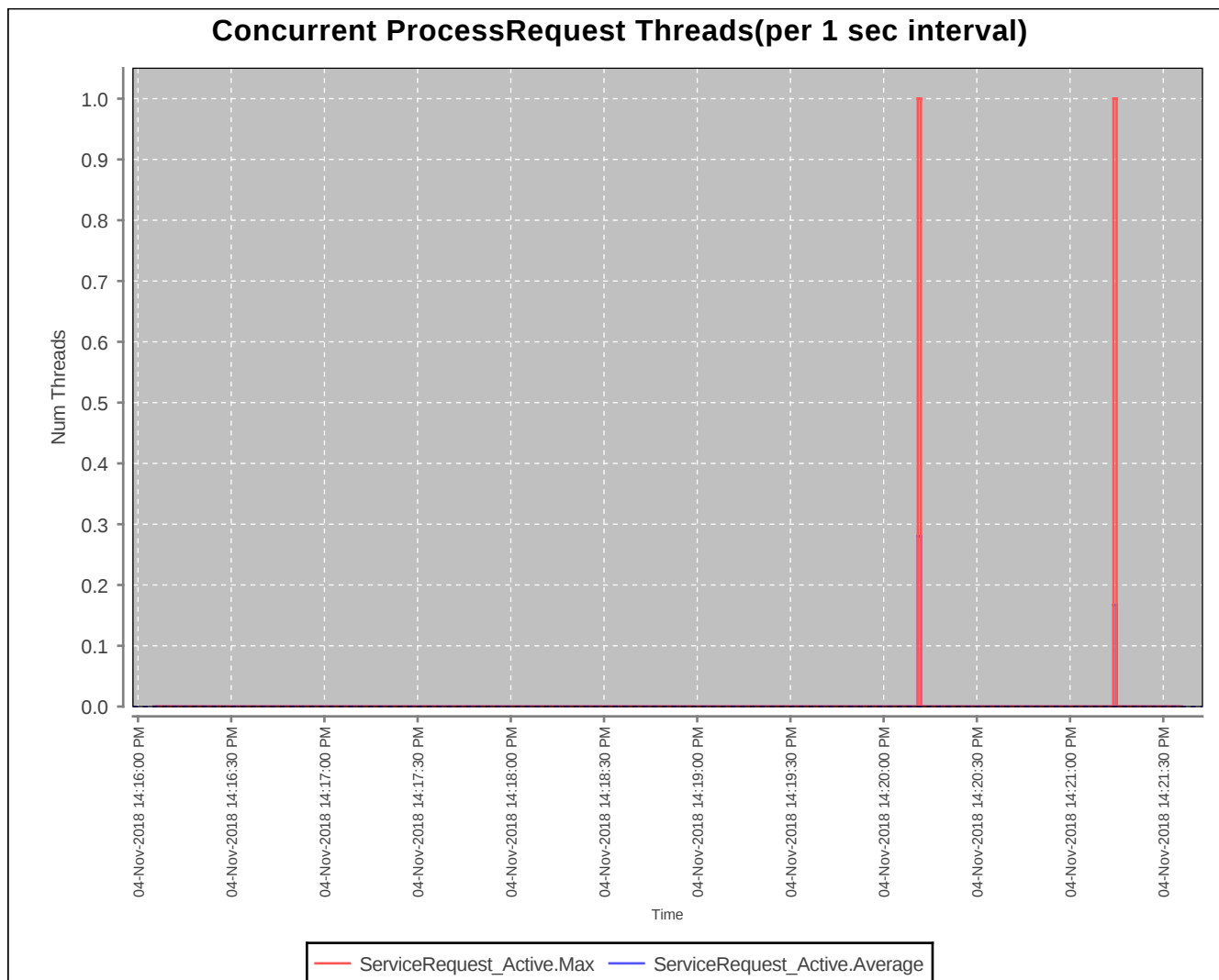
Chart : Num Thread in State (per 1 sec interval)



This graph shows for the lock/deadlock points identified above how many times per sec, these locks were passed. Locked doesnt mean no access, sometimes if resource usage time is quick, then rather than long waits, the delay is actually many small waits.

11.9. Concurrent_ServiceRequest

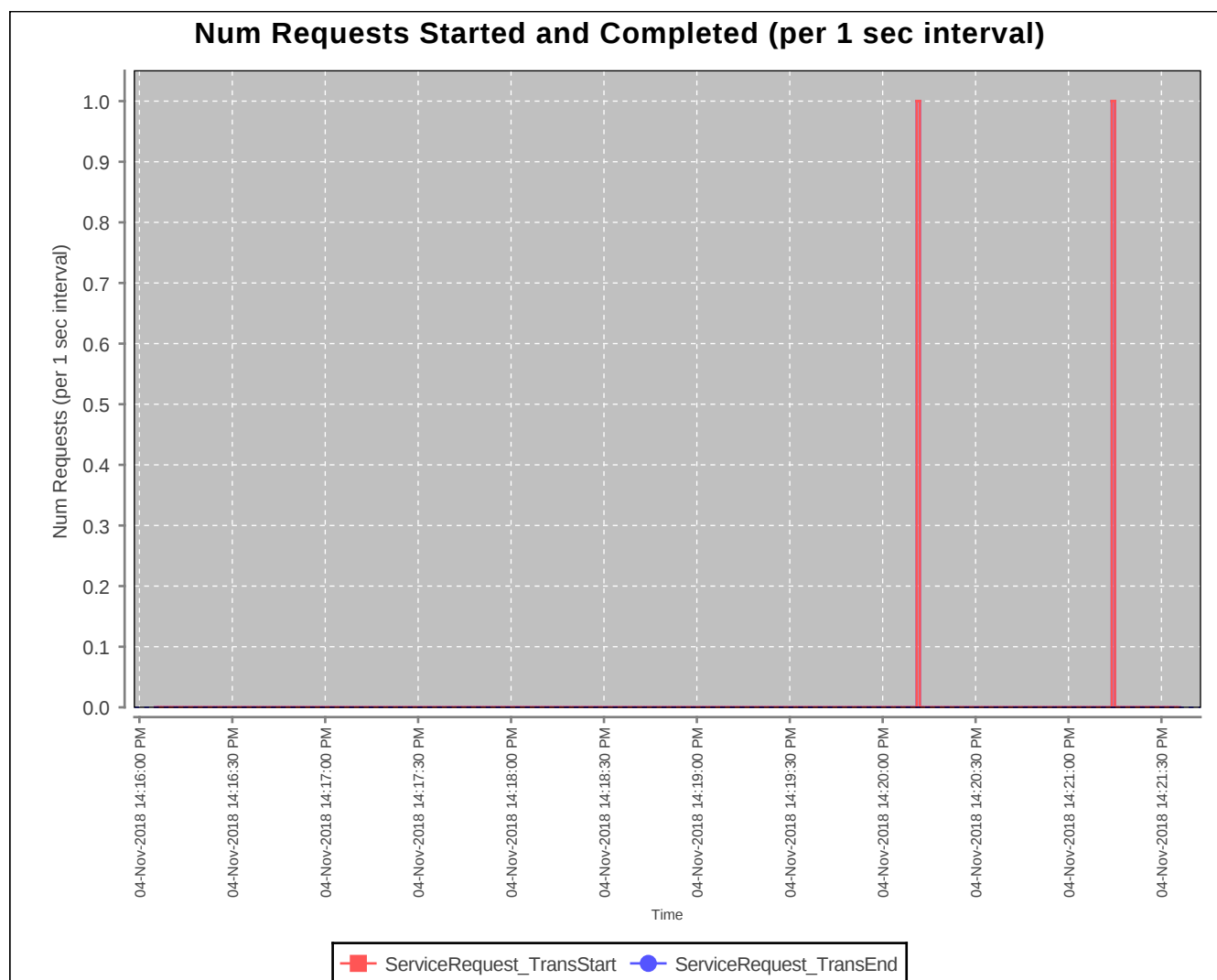
Chart : Concurrent ProcessRequest Threads(per 1 sec interval)



Within an interval, there will be many requests, and at times multiple threads will be active processing those requests. This graph shows the max number of requests(threads) being handled in the interval at one time, and also the average number of requests (due to some assumptions made in the calculation, the average is an estimate and not a true value).

11.10. StartAndEnd_ServiceRequest

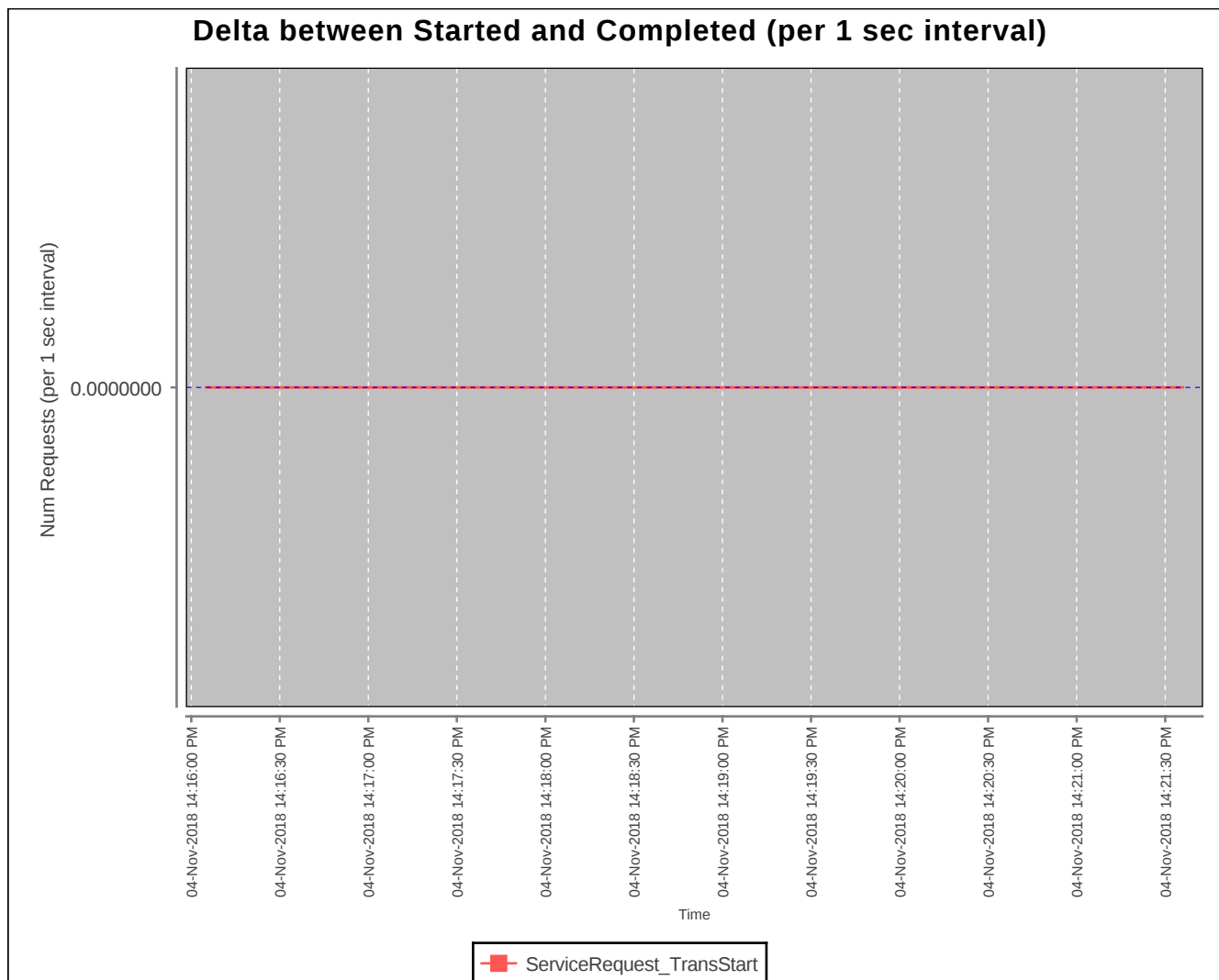
Chart : Num Requests Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication there is trouble processing the request

11.11. StartAndEndDelta_ServiceRequest

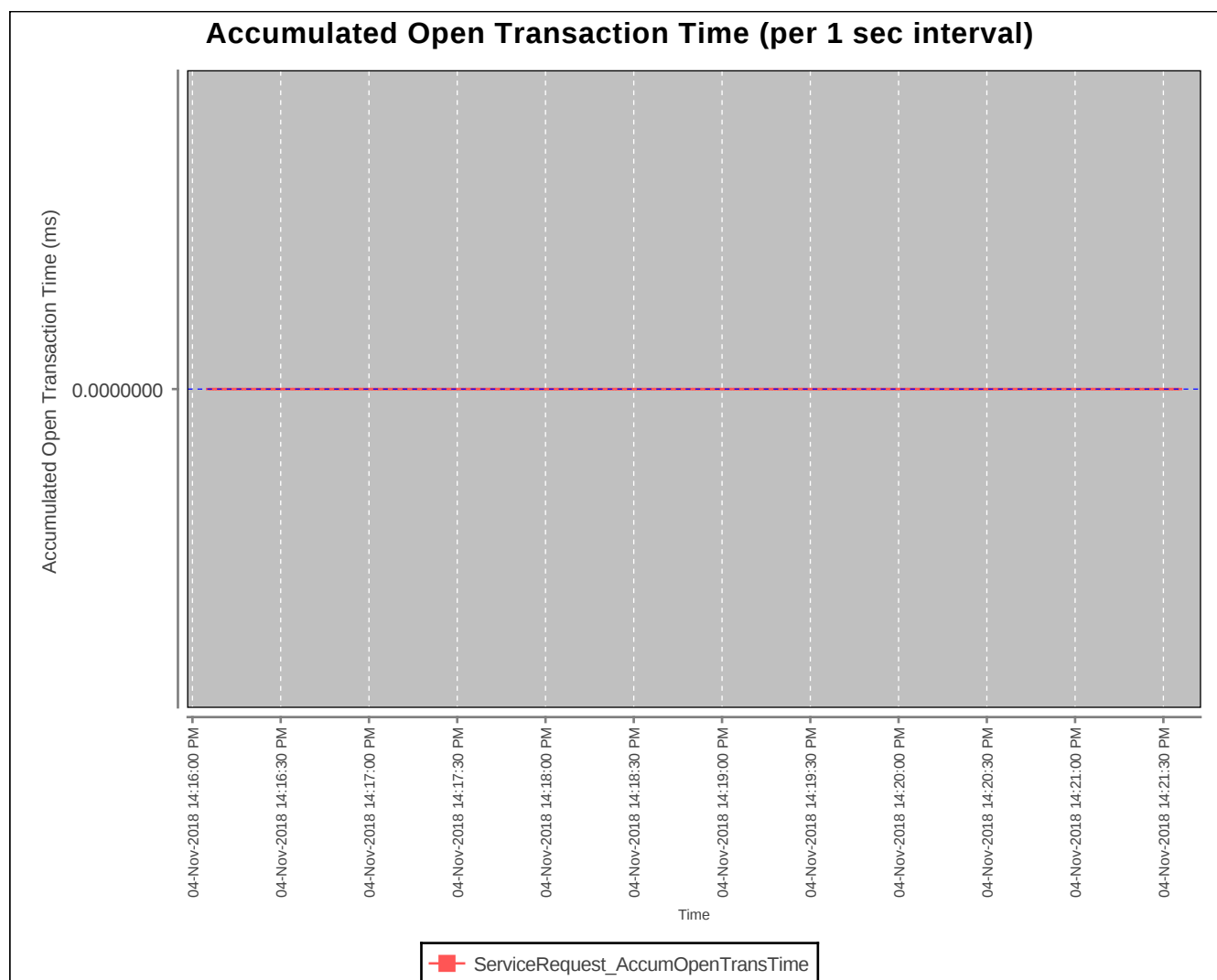
Chart : Delta between Started and Completed (per 1 sec interval)



The count of new requests and completed requests should match. If they do not or the number of completed requests drops, that could be an indication the Policy Server is having trouble processing the request

11.12. AccumOpenTransTime_ServiceRequest

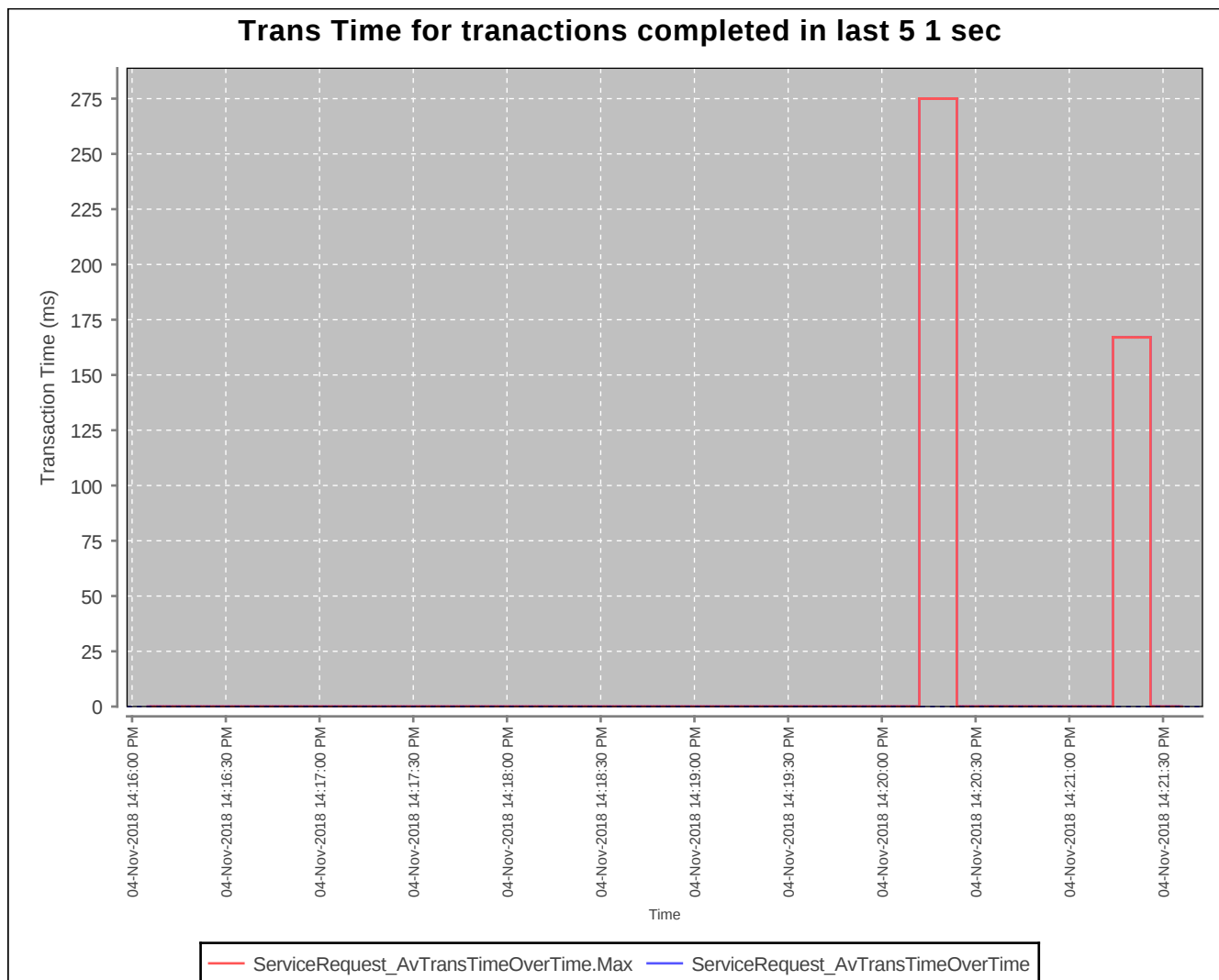
Chart : Accumulated Open Transaction Time (per 1 sec interval)



Accumulated time taken for all the currently open transactions.

11.13. AvTransTimeOverTime_ServiceRequest

Chart : Trans Time for tranactions completed in last 5 1 sec

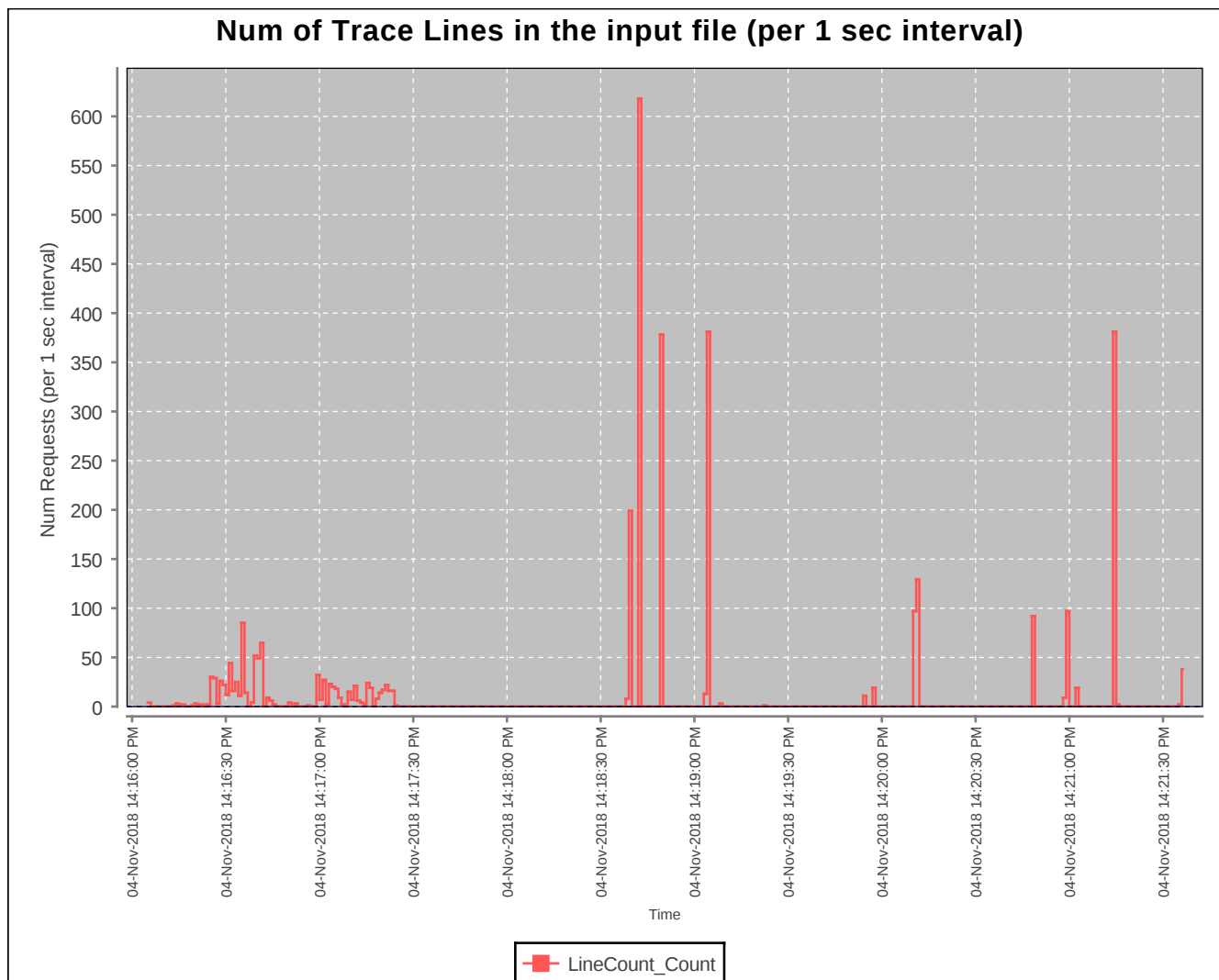


Max and Average transaction times for transactions completed in the last 5 \${TimeStep} time.

12. CountItem Report : LineCount

12.1. LineCount

Chart : Num of Trace Lines in the input file (per 1 sec interval)

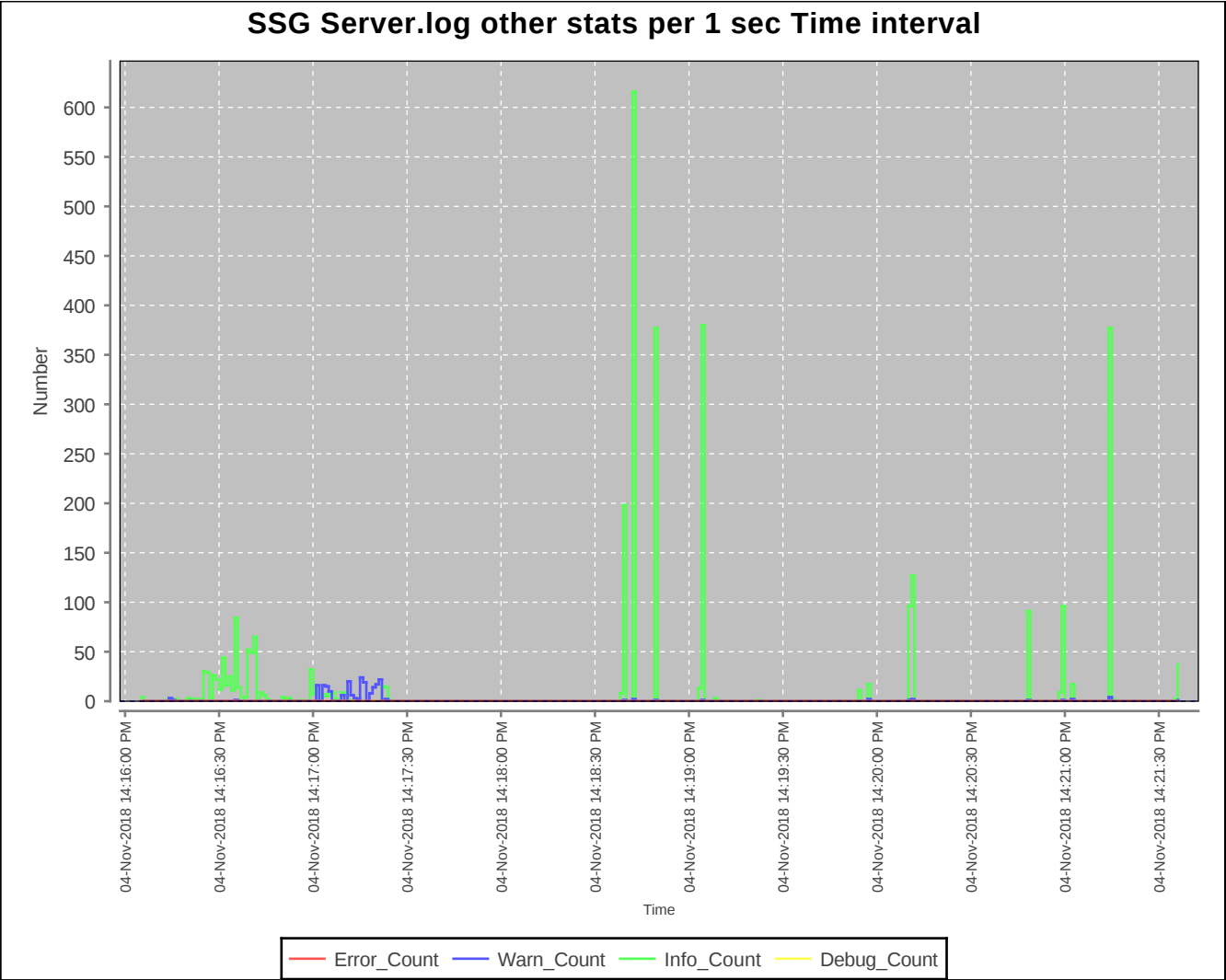


Number of trace lines in the input for for the time period

13. Other Stats

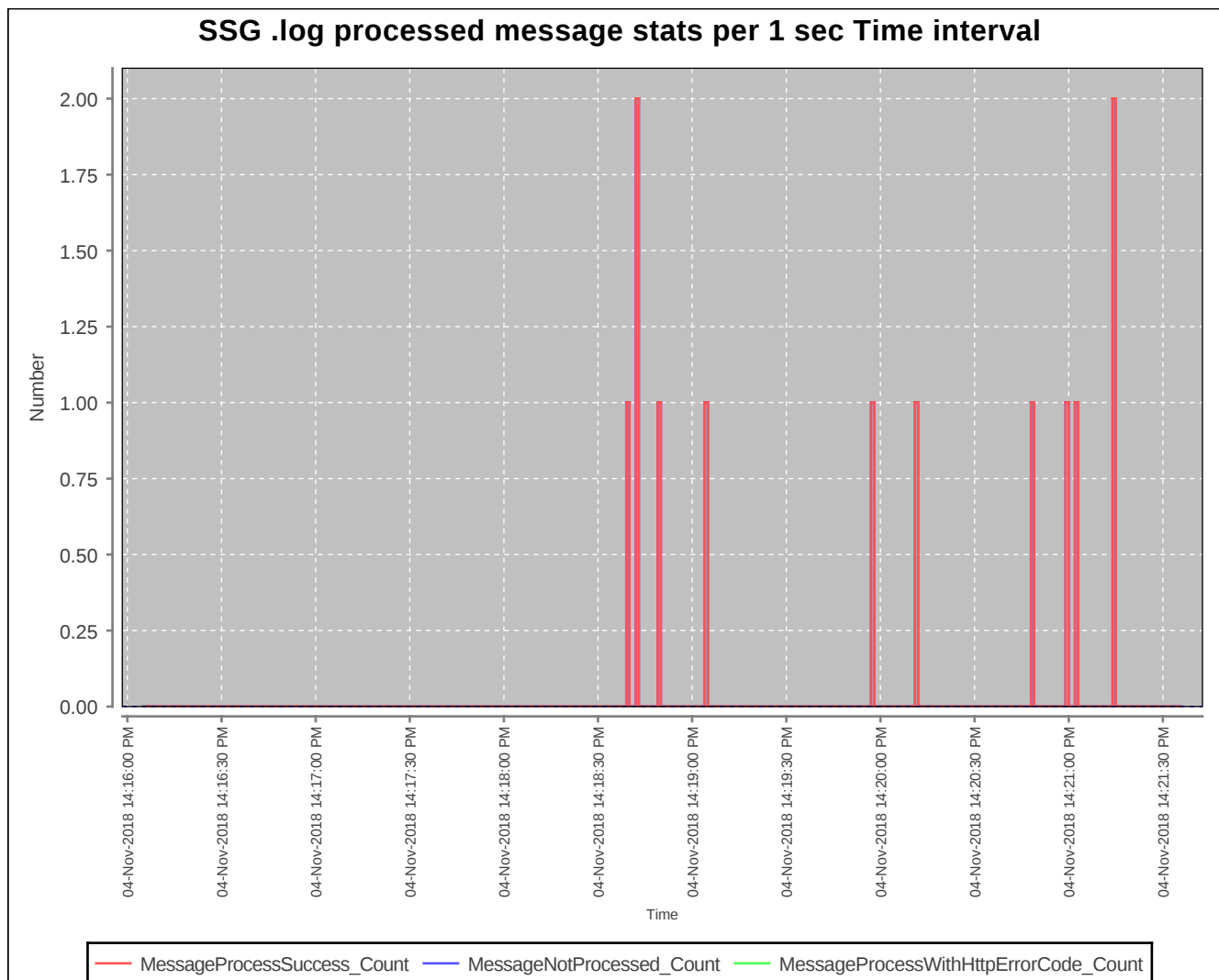
13.1. OtherStats

Chart : SSG Server.log other stats per 1 sec Time interval



13.2. MessageStats

Chart : SSG .log processed message stats per 1 sec Time interval



14. Long Transactions : ProcessRequest

14.1. Long Transactions

No transactions exceeded the cutoff time