

## Issues

| #   | Project       | Tracker | Status | Priority        | Subject                                                                                                             | Assignee | Updated             |
|-----|---------------|---------|--------|-----------------|---------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 280 | Enduro/X Core | Feature | New    | Normal (Code 4) | "top" like real time update screen for services and queues                                                          |          | 12/03/2018 07:10 AM |
| 345 | Enduro/X Core | Feature | New    | Normal (Code 4) | access control to services                                                                                          |          | 09/21/2018 09:56 AM |
| 308 | Enduro/X Core | Feature | New    | Normal (Code 4) | add new configuration parameter (optional) NDRX_USER and check at xadmin startup the current user matches this user |          | 04/23/2018 03:00 PM |
| 363 | Enduro/X Core | Feature | New    | Normal (Code 4) | Add possibility to name callable service name for auto generated client                                             |          | 12/13/2018 09:09 PM |
| 682 | Enduro/X Core | Support | New    | Normal (Code 4) | Add pthread_mutexattr_setrobust for emq support to avoid stalling on process crash                                  |          | 05/13/2021 11:03 AM |
| 444 | Enduro/X Core | Feature | New    | Normal (Code 4) | autostart y/n attribute for ndrconfig.xml servers                                                                   |          | 08/16/2019 06:44 PM |
| 568 | Enduro/X Core | Feature | New    | Normal (Code 4) | BFLDDB replication infrastrucutre                                                                                   |          | 07/06/2020 01:51 PM |
| 23  | Enduro/X Core | Feature | New    | Low (Code 5)    | C# support - .net core                                                                                              | Madars   | 01/03/2018 01:25 PM |
| 438 | Enduro/X Core | Bug     | New    | Normal (Code 4) | cache core dump on invalid config                                                                                   |          | 08/08/2019 06:08 PM |
| 431 | Enduro/X Core | Bug     | New    | Normal (Code 4) | cache invalidate does not show record count deleted                                                                 |          | 07/25/2019 10:52 AM |
| 292 | Enduro/X Core | Feature | New    | Normal (Code 4) | Cache refresh schedule                                                                                              |          | 03/25/2018 11:20 AM |
| 430 | Enduro/X Core | Bug     | New    | Normal (Code 4) | Cache refresh service call                                                                                          |          | 07/25/2019 10:01 AM |
| 513 | Enduro/X Core | Feature | New    | Normal (Code 4) | cache rsprule shall allow to perform tests on response data (not only on EX_TPERRNO/EX_TPURCODE)                    |          | 02/08/2020 12:13 PM |
| 442 | Enduro/X Core | Support | New    | Normal (Code 4) | Cluster cache delete                                                                                                |          | 08/14/2019 08:59 PM |
| 343 | Enduro/X Core | Feature | New    | Normal (Code 4) | Cobol interface for Enduro/X                                                                                        |          | 03/23/2021 11:24 AM |
| 335 | Enduro/X Core | Feature | New    | Normal (Code 4) | Command for xadmin psc statistics reset                                                                             |          | 08/21/2018 09:45 AM |
| 693 | Enduro/X Core | Support | New    | Normal (Code 4) | Commit rules description                                                                                            |          | 11/05/2021 10:00 PM |
| 645 | Enduro/X Core | Feature | New    | Normal (Code 4) | cpmsrv shutdown script                                                                                              |          | 03/10/2021 12:08 PM |
| 143 | Enduro/X Core | Feature | New    | Normal (Code 4) | Debug log redirect to remote system                                                                                 |          | 05/16/2017 10:54 AM |
| 451 | Enduro/X Core | Support | New    | Normal (Code 4) | during the high load, if service leaves some cluster node, there shall be no timeouts                               |          | 08/20/2019 11:27 PM |
| 597 | Enduro/X Core | Feature | New    | Normal (Code 4) | dynamic tpadvertise / tpunadvertise from server threads                                                             |          | 10/06/2020 12:56 PM |
| 453 | Enduro/X Core | Feature | New    | Normal (Code 4) | enable clusters to exchange information about service number of messages enqueued                                   |          | 09/04/2019 05:03 PM |
| 563 | Enduro/X Core | Bug     | New    | Normal (Code 4) | Enduro/X base64 handling shall not print logs                                                                       |          | 06/29/2020 04:16 PM |
| 314 | Enduro/X Core | Support | New    | Normal (Code 4) | Enduro/X loggers might hang when disk is full                                                                       |          | 05/11/2018 11:05 AM |
| 44  | Enduro/X Core | Bug     | New    | Low (Code 5)    | EnduroX-PHP ndr_bfprint() causes core dump                                                                          |          | 03/30/2016 11:11 PM |
| 91  | Enduro/X Core | Bug     | New    | Normal (Code 4) | Fix build warnings for aix                                                                                          |          | 01/28/2017 10:06 PM |
| 362 | Enduro/X Core | Bug     | New    | Normal (Code 4) | Generating ubf tab file                                                                                             |          | 12/13/2018 09:03 PM |
| 277 | Enduro/X Core | Feature | New    | Normal (Code 4) | houkeep and cron package for enduro/x user app                                                                      |          | 02/09/2018 08:51 AM |
| 573 | Enduro/X Core | Support | New    | Normal (Code 4) | in case of using -i the server process shall terminate and shared memory shall be cleaned up                        |          | 07/23/2020 10:12 AM |

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|-----|---------------|---------|--------|-----------------|-------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 322 | Enduro/X Core | Feature | New    | Normal (Code 4) | Index for STRING and CARRAY fields in UBF                                                                         |          | 03/26/2020 12:23 AM |
| 391 | Enduro/X Core | Feature | New    | Normal (Code 4) | Jolt implementation on top of rest-in client with distributed transaction support                                 |          | 04/04/2019 02:48 PM |
| 551 | Enduro/X Core | Feature | New    | Normal (Code 4) | LMDB with shm_open instead of disk file                                                                           |          | 05/13/2020 10:37 PM |
| 429 | Enduro/X Core | Feature | New    | Normal (Code 4) | max_rss, max_vsz measures shall include infos about child processes of the process                                |          | 07/04/2019 03:53 PM |
| 171 | Enduro/X Core | Feature | New    | Normal (Code 4) | Move restart_min/restart_step/restart_max of ndrxcfg.xml to "defaults" and "servers" sections.                    |          | 07/14/2017 09:11 AM |
| 137 | Enduro/X Core | Feature | New    | Normal (Code 4) | Multi-connection bridge                                                                                           |          | 10/08/2020 11:13 AM |
| 80  | Enduro/X Core | Feature | New    | Normal (Code 4) | ndrxcfg.xml multiple xml file support (including folder of xmls)                                                  | Madars   | 01/12/2017 09:43 AM |
| 61  | Enduro/X Core | Feature | New    | Normal (Code 4) | ndrxcfg.xml server dependency list & actions                                                                      |          | 08/15/2016 12:06 PM |
| 483 | Enduro/X Core | Support | New    | Normal (Code 4) | ndrxd recovery mode                                                                                               |          | 12/05/2019 02:18 PM |
| 344 | Enduro/X Core | Feature | New    | Normal (Code 4) | new XATMI server API for requesting service Q statistics                                                          |          | 09/14/2018 03:03 PM |
| 45  | Enduro/X Core | Feature | New    | Normal (Code 4) | Nodejs support                                                                                                    |          | 09/08/2018 05:47 AM |
| 762 | Enduro/X Core | Feature | New    | Normal (Code 4) | Parallel server startup at ndrxcfg.xml                                                                            |          | 08/15/2022 12:07 PM |
| 702 | Enduro/X Core | Support | New    | Normal (Code 4) | Postgresql libndrxxapq.adoc / libndrxxaecpg.adoc review                                                           |          | 06/15/2021 11:47 AM |
| 256 | Enduro/X Core | Bug     | New    | Normal (Code 4) | Process exit status                                                                                               |          | 12/06/2017 11:21 AM |
| 574 | Enduro/X Core | Bug     | New    | Normal (Code 4) | protect against running atmi server dispatcher thread twice or in more copies in the same binary                  |          | 08/02/2020 12:21 AM |
| 159 | Enduro/X Core | Bug     | New    | Normal (Code 4) | qprefix is matched only partially that can cause to match other systems queues if their first chars are the same. |          | 06/11/2017 11:20 AM |
| 10  | Enduro/X Core | Feature | New    | Normal (Code 4) | Server's MIN/MAX using for additional spawning at high load                                                       | Madars   | 05/25/2018 08:42 AM |
| 476 | Enduro/X Core | Bug     | New    | Normal (Code 4) | service shared memory cleanup if server was adding services to SHM, but suddenly died                             |          | 11/24/2019 04:09 PM |
| 138 | Enduro/X Core | Feature | New    | Normal (Code 4) | Service table and service call proxy via cluster node                                                             |          | 11/27/2018 02:07 PM |
| 494 | Enduro/X Core | Feature | New    | Normal (Code 4) | Show service status - AVAIL/BUSY in NetXMS                                                                        |          | 12/17/2019 12:48 AM |
| 141 | Enduro/X Core | Feature | New    | Normal (Code 4) | SSL Support for bridge sockets                                                                                    |          | 09/09/2019 03:28 PM |
| 146 | Enduro/X Core | Bug     | New    | Normal (Code 4) | Strange log output on aix for bridge                                                                              |          | 05/18/2017 03:07 PM |
| 432 | Enduro/X Core | Support | New    | Normal (Code 4) | subscr parameter description document for [@cache] section                                                        |          | 07/30/2019 02:49 PM |
| 740 | Enduro/X Core | Feature | New    | Normal (Code 4) | tmsrv and tmqueue database backend for storage                                                                    |          | 12/08/2021 11:07 PM |
| 751 | Enduro/X Core | Feature | New    | Normal (Code 4) | tmsrv optimizations                                                                                               |          | 12/27/2021 10:04 PM |
| 649 | Enduro/X Core | Support | New    | Normal (Code 4) | tmsrv startup is not logged to -e sysopt log file                                                                 |          | 03/15/2021 09:52 AM |
| 593 | Enduro/X Core | Feature | New    | Normal (Code 4) | tpadmrun() notify ndrxd for long running service operations                                                       |          | 09/24/2020 12:34 PM |
| 62  | Enduro/X Core | Feature | New    | Normal (Code 4) | tpautopause() - do not consume the messages by server thread while worker thread is working                       |          | 08/22/2016 03:10 PM |
| 595 | Enduro/X Core | Feature | New    | Normal (Code 4) | Tpbridge tracability enhancement and                                                                              |          | 10/01/2020 01:20 PM |
| 260 | Enduro/X Core | Support | New    | Normal (Code 4) | tpcontinue() shall free up the auto buffer in case if pointer is available                                        |          | 12/13/2017 12:25 PM |

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| 270 | Enduro/X Core   | Support | New    | Normal (Code 4) | tperror man page                                                                                                                                       |          | 01/07/2018 10:22 PM |
| 482 | Enduro/X Core   | Feature | New    | Normal (Code 4) | tplog: UBF Buffer diff function                                                                                                                        |          | 12/03/2019 07:02 PM |
| 111 | Enduro/X Core   | Feature | New    | Normal (Code 4) | tprecover - back ping monitoring of the ndrxd & unit testing                                                                                           |          | 04/01/2017 10:27 AM |
| 488 | Enduro/X Core   | Support | New    | Normal (Code 4) | tpsetctx() shall not free up current context, tpgetctx() shall not remove current context id on get                                                    |          | 12/12/2019 04:16 PM |
| 556 | Enduro/X Core   | Support | New    | Normal (Code 4) | tpsterror shall return message only, not the code                                                                                                      |          | 06/10/2020 01:08 PM |
| 508 | Enduro/X Core   | Bug     | New    | Normal (Code 4) | Trying to run tuxmon                                                                                                                                   |          | 01/29/2020 07:25 PM |
| 223 | Enduro/X Core   | Support | New    | Normal (Code 4) | Update provision script to provide setup of view variables                                                                                             |          | 09/24/2017 09:16 AM |
| 332 | Enduro/X Core   | Feature | New    | Normal (Code 4) | view feature for java and go                                                                                                                           |          | 03/18/2019 11:31 AM |
| 220 | Enduro/X Core   | Bug     | New    | Normal (Code 4) | Views memory leak on tpcall on view                                                                                                                    |          | 09/21/2017 09:03 PM |
| 336 | Enduro/X Core   | Feature | New    | Normal (Code 4) | wait time in queue                                                                                                                                     |          | 08/21/2018 10:05 AM |
| 658 | Enduro/X Core   | Support | New    | Normal (Code 4) | When bridge sends refresh message and at the same happens some change in services (advertise/unadvertise) the delta and refresh messages might reorder |          | 03/26/2021 10:06 PM |
| 660 | Enduro/X Core   | Support | New    | Normal (Code 4) | When system-v service fails to advertise doe to max servers per service is full shall return error                                                     |          | 04/11/2021 10:28 PM |
| 541 | Enduro/X Core   | Feature | New    | Normal (Code 4) | Wildcard support in FIELDTBLS                                                                                                                          |          | 04/21/2020 02:47 PM |
| 203 | Enduro/X Core   | Feature | New    | Normal (Code 4) | xadmin ctrl+c handler                                                                                                                                  |          | 01/16/2019 01:23 PM |
| 647 | Enduro/X Core   | Support | New    | Normal (Code 4) | xadmin down fails to down the system, if LCF shared memory size settings changed                                                                       |          | 03/10/2021 09:48 PM |
| 484 | Enduro/X Core   | Feature | New    | Normal (Code 4) | xadmin provision systemclt script generation                                                                                                           |          | 12/05/2019 02:20 PM |
| 410 | Enduro/X Core   | Bug     | New    | Normal (Code 4) | xadmin stop may hang when ndrxd is doing some internal process restarts - test062                                                                      |          | 05/08/2019 01:30 PM |
| 92  | endurox-connect | Feature | New    | Normal (Code 4) | Add new parameter of gconeveryxreq                                                                                                                     |          | 01/31/2017 03:07 PM |
| 741 | endurox-connect | Support | New    | Normal (Code 4) | convert project to go modules                                                                                                                          |          | 12/19/2021 10:25 PM |
| 297 | endurox-connect | Bug     | New    | Normal (Code 4) | In some cases not all threads in tcpgatesv finishes it's work at exist                                                                                 |          | 04/04/2018 08:49 AM |
| 241 | endurox-connect | Feature | New    | Normal (Code 4) | log connection correlator id when sending timeout... response.                                                                                         |          | 10/30/2017 10:40 AM |
| 387 | endurox-connect | Feature | New    | Normal (Code 4) | rest-in client certificates                                                                                                                            |          | 02/20/2019 04:26 PM |
| 533 | endurox-connect | Bug     | New    | Normal (Code 4) | tcpgate mode req_reply=1 in multiple calls on same connection id may loose to generate response                                                        |          | 03/23/2020 11:35 PM |
| 455 | endurox-connect | Feature | New    | Normal (Code 4) | tpurcode, tperrno and tpsterror statuses for ext mode                                                                                                  |          | 09/10/2019 05:44 PM |
| 342 | endurox-go      | Support | New    | Normal (Code 4) | Bcmp, Bsubset implementation for Go                                                                                                                    |          | 09/13/2018 01:08 PM |
| 526 | endurox-go      | Bug     | New    | Normal (Code 4) | BfIdId does not return error in case if field is not found                                                                                             |          | 03/04/2020 12:55 PM |
| 477 | endurox-go      | Support | New    | Normal (Code 4) | Convert functions to cgo_unsafe_args to avoid inline & gc                                                                                              |          | 11/28/2019 09:40 AM |
| 263 | endurox-go      | Support | New    | Normal (Code 4) | endurox-go build gives redefined warning                                                                                                               |          | 12/19/2017 11:10 PM |
| 491 | endurox-go      | Feature | New    | Normal (Code 4) | Implement Bfindocc                                                                                                                                     |          | 12/15/2019 11:54 PM |
| 496 | endurox-go      | Feature | New    | Normal (Code 4) | Implement reference PostgreSQL driver with XA two phase commit support                                                                                 |          | 12/23/2019 12:42 AM |

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|-----|--------------|---------|--------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|
| 188 | endurox-go   | Feature | New    | Normal (Code 4) | Mandatory/Optional flag for UBF unmarshal                                                                                                |          | 08/24/2017 01:37 PM |
| 215 | endurox-go   | Support | New    | Normal (Code 4) | Provide test cases for BChg for carrray (byte[]) fields                                                                                  |          | 09/11/2017 02:33 PM |
| 115 | endurox-go   | Feature | New    | Normal (Code 4) | Rune support for UBF                                                                                                                     |          | 04/05/2017 06:59 AM |
| 439 | endurox-go   | Support | New    | Normal (Code 4) | tprealloc does not gives error code in case of failure                                                                                   |          | 08/11/2019 10:45 PM |
| 354 | endurox-go   | Support | New    | Normal (Code 4) | Unit tests shall clean up the binaries on disk                                                                                           |          | 11/22/2018 03:06 PM |
| 605 | endurox-go   | Support | New    | Normal (Code 4) | Version for Solaris                                                                                                                      |          | 11/09/2020 11:28 PM |
| 498 | endurox-java | Support | New    | Normal (Code 4) | compiled xatmi server startup                                                                                                            |          | 01/10/2020 08:05 PM |
| 803 | endurox-java | Feature | New    | Normal (Code 4) | Eventing support for Java tpsubscribe() / tpunsubscribe() / tppost()                                                                     |          | 05/10/2023 05:24 PM |
| 478 | endurox-java | Bug     | New    | Normal (Code 4) | exjld if invalid main class name is provided during compile, at the runtime segmentation fault is received                               |          | 11/28/2019 04:15 PM |
| 492 | endurox-java | Feature | New    | Normal (Code 4) | Implement Bfindocc()                                                                                                                     |          | 12/15/2019 11:55 PM |
| 472 | endurox-java | Bug     | New    | Normal (Code 4) | Invalid error code on buffer full on TypedUbf.CBChg()                                                                                    |          | 11/19/2019 05:27 PM |
| 561 | endurox-java | Bug     | New    | Normal (Code 4) | org.endurox.exceptions.AtmiTPETIMEException: 13:TPETIME (last error 13: ndr_x_mq_receive failed for 1178910 (110): Connection timed out) |          | 06/22/2020 07:18 PM |
| 485 | endurox-java | Support | New    | Normal (Code 4) | Test service aliasing in config and then further service call in java                                                                    |          | 12/07/2019 01:52 PM |
| 532 | endurox-java | Bug     | New    | Normal (Code 4) | tpcancelTest failure on macos                                                                                                            |          | 07/12/2020 10:10 PM |