

## Issues

| #    | Project                    | Tracker | Status      | Priority  | Subject   | Assignee           | Updated             | Tags   |
|------|----------------------------|---------|-------------|-----------|---|--------------------|---------------------|--|
| 3193 | ndn-sci                    | Task    | New         | Immediate | Add a metadata field in the Database  |                    | 09/09/2015 06:45 PM |  |
| 5255 | mGuard                     | Task    | New         | High      | Encrypt data using all possible contextual attributes   | Saurab Dulal       | 07/19/2023 09:57 PM |  |
| 5088 | ndnrtc                     | Task    | New         | High      | NDNRTC support on Ubuntu 18.04  |                    | 03/04/2020 12:44 PM |  |
| 4952 | mini-ndn                   | Task    | New         | High      | Minindn nodes have no their separated namespaces  |                    | 06/08/2019 11:16 AM | minindn-simulator,<br>environment variable,<br>namespace |
| 4795 | Consumer /<br>Producer API | Task    | New         | High      | Consumer/Producer API Build Failure   |                    | 12/18/2018 01:36 AM | Consumer Producer<br>API, build, error                   |
| 4493 | ICE-AR Prototype           | Task    | New         | High      | BLE agent for NFD-android   | Edward Lu          | 02/08/2018 09:59 AM | CS217  |
| 4491 | ICE-AR Prototype           | Task    | New         | High      | sample client for bluetooth beaconing   | Grant Weaver       | 02/08/2018 09:56 AM | ENGR 299   |
| 4374 | repo-ng                    | Task    | New         | High      | Can't insert segmented data   |                    | 11/01/2017 09:33 AM |  |
| 4344 | ndns                       | Task    | New         | High      | NsCache in IterativeQueryController Need to check<br>FreshnessPeriod before using cached data |                    | 10/17/2017 06:53 AM |  |
| 4142 | ndnSIM                     | Task    | New         | High      | Addition of a new field to interest and data packet   | Alex Afanasyev     | 05/08/2018 10:48 AM |  |
| 3906 | ndns                       | Task    | New         | High      | Rewrite ManagementTool's ListZone method  |                    | 12/30/2016 10:12 PM |  |
| 3320 | repo-ng                    | Task    | New         | High      | Downloading with a different piplines   | inchan hwang       | 11/05/2015 03:55 AM |  |
| 3053 | mini-ndn                   | Task    | New         | High      | Design automatic integration test triggering by Jenkins                                       |                    | 09/15/2015 12:03 PM |  |
| 3051 | mini-ndn                   | Task    | Code review | High      | Investigate Mininet's per-host private directories feature for NFD<br>socket file             | Damian Coomes      | 09/13/2020 11:55 AM |  |
| 2942 | mini-ndn                   | Task    | New         | High      | Configure experiment parameters using configuration file                                      |                    | 09/13/2020 11:34 AM |  |
| 2902 | ndn-sci                    | Task    | New         | High      | Create a website for ndn-atmos  | Tyler Scott        | 06/17/2015 09:35 AM |  |
| 2886 | ndn-sci                    | Task    | New         | High      | Define publication protocol   | susmit shannigrahi | 06/12/2015 11:14 AM |  |
| 5317 | mGuard                     | Task    | New         | Normal    | Facilitate New Users/Policies   |                    | 04/05/2024 09:33 PM |  |
| 5314 | mini-ndn                   | Task    | New         | Normal    | Automatically install utilities needed for doc generation in NDN<br>dependencies              | Alexander Lane     | 04/02/2024 06:20 PM |  |
| 5312 | PSync                      | Task    | New         | Normal    | Improve handling of stale sync data/"no new update"   |                    | 02/12/2024 09:02 PM |  |
| 5308 | NLSR                       | Task    | In Progress | Normal    | Code cleanup in LSA and routing table related types   | Junxiao Shi        | 02/22/2024 02:16 PM | code-cleanup   |
| 5306 | mGuard                     | Task    | New         | Normal    | Fix Waf Scripts   | Adam Thieme        | 01/24/2024 04:08 AM |  |
| 5305 | PSync                      | Task    | New         | Normal    | Enhance HELLO protol to notify consumers of new prefixes when<br>they are added               |                    | 12/21/2023 06:21 PM |  |
| 5302 | mGuard                     | Task    | New         | Normal    | Change all timestamps to unix time  | Adam Thieme        | 11/21/2023 09:59 PM |  |
| 5301 | mGuard                     | Task    | New         | Normal    | Change semantic location window to formatted timestamp  | Adam Thieme        | 11/21/2023 09:57 PM |  |
| 5296 | mGuard                     | Task    | New         | Normal    | bundle datapoints based on attributes   |                    | 08/31/2023 10:18 PM |  |
| 5295 | mGuard                     | Task    | New         | Normal    | Application needs to be able to configure time granularity                                    |                    | 08/31/2023 10:17 PM |  |

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|------|----------|---------|-------------|----------|---|----------------|---------------------|--|
| 5294 | mGuard   | Task    | New         | Normal   | add time-based attributes to producer/publisher code                                      |                | 08/31/2023 10:16 PM |  |
| 5293 | mGuard   | Task    | New         | Normal   | Modify data generator to be configurable via command line                                 | Adam Thieme    | 09/14/2023 09:48 PM |  |
| 5292 | mGuard   | Task    | New         | Normal   | Script to automate mGuard evaluation  |                | 08/31/2023 09:20 PM |  |
| 5290 | mGuard   | Task    | New         | Normal   | create valid trust schema for testbed experiments   |                | 08/19/2023 12:58 AM |  |
| 5289 | mGuard   | Task    | New         | Normal   | test mGuard for possible testbed-related bugs   |                | 08/19/2023 12:57 AM |  |
| 5287 | mGuard   | Task    | New         | Normal   | Developer Guide   |                | 08/09/2023 10:09 PM |  |
| 5284 | mGuard   | Task    | New         | Normal   | Documentation Updates   |                | 08/21/2023 06:26 PM |  |
| 5283 | mGuard   | Task    | New         | Normal   | Write New Example Consumer Application for Testing  | Howard Zhu     | 08/09/2023 10:02 PM |  |
| 5282 | mGuard   | Task    | New         | Normal   | Update Current Example Consumer Application   | Howard Zhu     | 08/09/2023 10:03 PM |  |
| 5281 | mGuard   | Task    | New         | Normal   | Example Consumer Updates  |                | 08/09/2023 10:02 PM |  |
| 5275 | mGuard   | Task    | In Progress | Normal   | unit tests for name tree and parser   | Adam Thieme    | 07/26/2023 09:24 PM |  |
| 5274 | mGuard   | Task    | In Progress | Normal   | Clean Git Repository  | Adam Thieme    | 08/10/2023 10:58 PM |  |
| 5272 | mGuard   | Task    | New         | Normal   | Handle CK data segmentation and content segmentation if the size exceed the MTU size      | Tianyuan Yu    | 07/19/2023 09:36 PM |  |
| 5261 | mGuard   | Task    | New         | Normal   | fix identity-management-fixture   | Adam Thieme    | 08/19/2023 12:46 AM |  |
| 5260 | mGuard   | Task    | New         | Normal   | change semantic location lookup in database to return only one location                   | Adam Thieme    | 07/19/2023 09:42 PM |  |
| 5259 | mGuard   | Task    | New         | Normal   | Add participant ID to semantic location lookup  | Adam Thieme    | 07/19/2023 09:43 PM |  |
| 5256 | mGuard   | Task    | New         | Normal   | Update mGuard naming convention to incorporate metadata and revision number of the stream | Saurab Dulal   | 08/09/2023 08:56 PM |  |
| 5253 | mGuard   | Task    | New         | Normal   | Modularize mGuard pub-sub API   | Saurab Dulal   | 03/29/2023 06:46 PM |  |
| 5241 | ndn-cxx  | Task    | New         | Normal   | Redesign support for HMAC keys  |                | 08/24/2023 08:00 PM | security, openssl                      |
| 5238 | mGuard   | Task    | In Progress | Normal   | Implement Unsubscribe feature   | Saurab Dulal   | 07/12/2023 09:55 PM |  |
| 5231 | mini-ndn | Task    | New         | Normal   | Set default access point/IP switch behavior to ignore SDN features                        |                | 07/12/2022 10:45 AM |  |
| 5230 | mini-ndn | Task    | New         | Normal   | Add notes about NFD log level related packet loss to documentation                        | Alexander Lane | 07/05/2022 02:18 PM |  |
| 5228 | mGuard   | Task    | In Progress | Normal   | Benchmark repo with different DBs   | Suravi Regmi   | 08/02/2023 09:33 PM | repo, system                           |
| 5226 | mGuard   | Task    | New         | Normal   | Fetch data from real MD2K server  |                | 06/27/2022 04:27 AM | system                                 |
| 5223 | mGuard   | Task    | New         | Normal   | Investigate problems with key names and interest/data parameter setting in NAC-ABE        | Saurab Dulal   | 08/02/2023 09:38 PM | NAC-ABE                                |
| 5222 | mGuard   | Task    | In Progress | Normal   | See the possibility of switching to Repo commands instead of TCP bulk insertion           | Suravi Regmi   | 08/02/2023 09:39 PM | repo                                   |
| 5220 | mGuard   | Task    | New         | Normal   | Automatically verify public key certificate from the users                                | Saurab Dulal   | 06/27/2022 04:20 AM | mGuard Controller, Attribute Authority |
| 5208 | mini-ndn | Task    | New         | Normal   | Allow for batch processing of Nfdc face creation  |                | 05/24/2022 12:11 PM |  |

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|------|----------|---------|-------------|----------|--|--------------|---------------------|---------------------------|
| 5194 | mGuard   | Task    | New         | Normal   | Unit and Integration tests   | Saurab Dulal | 07/26/2023 09:24 PM | unit-tests, integration   |
| 5191 | mGuard   | Task    | In Progress | Normal   | Bootstrapping, namespace and certificate management  | Tianyuan Yu  | 07/26/2023 09:38 PM | certificate               |
| 5174 | mini-ndn | Task    | New         | Normal   | ndnRoutingHelper: Use nfdc batch command to install route  |              | 06/24/2021 03:12 PM |                           |
| 5170 | mini-ndn | Task    | New         | Normal   | Avoid using default topologies   |              | 06/10/2021 10:42 AM |                           |
| 5168 | mini-ndn | Task    | New         | Normal   | Write documentation for the examples   |              | 06/04/2021 12:59 PM |                           |
| 5159 | PSync    | Task    | New         | Normal   | PartialSync: replace hello Interest/data with sync Interest/data using a special bloom filter/prefix |              | 01/02/2023 08:44 PM |                           |
| 5143 | PSync    | Task    | New         | Normal   | FullSync: Append "full-sync" to sync prefix to distinguish from partial sync (/hello and /sync)      |              | 01/31/2021 09:20 AM |                           |
| 5132 | mini-ndn | Task    | New         | Normal   | NLSR convergence time  |              | 03/30/2022 02:49 PM |                           |
| 5101 | NDNSD    | Task    | New         | Normal   | NDNSD Design   |              | 04/13/2020 09:13 PM |                           |
| 5099 | NDN-CCL  | Task    | New         | Normal   | NFD socket file moved to /run/nfd.sock on Linux  |              | 04/08/2020 11:44 AM |                           |
| 5094 | mini-ndn | Task    | New         | Normal   | Document mini-ndn topologies   |              | 03/18/2020 08:36 AM |                           |
| 5092 | mini-ndn | Task    | New         | Normal   | Pass net object to routing helper, and call net.stop() instead of exit() in case of errors           | Saurab Dulal | 03/16/2020 09:20 PM |                           |
| 5073 | PSync    | Task    | New         | Normal   | If there is a jump in the sequence number, don't remove the old sequence from the IBF                |              | 01/02/2023 08:43 PM |                           |
| 5067 | PSync    | Task    | New         | Normal   | Do not serve discovery hello/sync Interest from publisher cache                                      |              | 01/02/2023 08:36 PM |                           |
| 5063 | mini-ndn | Task    | New         | Normal   | Define a code style for Mini-NDN and deploy a PyLint bot to comment on gerrit                        |              | 09/13/2020 11:54 AM |                           |
| 5026 | NFD      | Task    | New         | Normal   | Self-learning: unit testing  |              | 12/01/2023 07:04 PM | self-learning, unit-tests |
| 5019 | npchat   | Task    | New         | Normal   | Consider How to Share User Activity Status   |              | 10/10/2019 02:22 PM |                           |
| 4996 | npchat   | Task    | New         | Normal   | Improve Multicast Discovery  |              | 09/02/2019 08:55 AM |                           |
| 4995 | npchat   | Task    | New         | Normal   | Investigate University Network Support   |              | 09/02/2019 08:54 AM |                           |
| 4994 | npchat   | Task    | New         | Normal   | Use Discovery Protocols With Wifi Direct   |              | 09/02/2019 08:16 AM |                           |
| 4993 | npchat   | Task    | New         | Normal   | Display Information About Friendship Process On Screen   |              | 09/02/2019 08:14 AM |                           |
| 4991 | npchat   | Task    | New         | Normal   | Register One Route Instead of Multiple   |              | 08/30/2019 01:37 PM |                           |
| 4987 | PSync    | Task    | New         | Normal   | Full consumer in PSync   |              | 08/29/2019 11:20 AM |                           |
| 4986 | npchat   | Task    | New         | Normal   | Allow User to Choose Whether or Fetch Old Files from New Friend                                      |              | 08/29/2019 08:10 AM |                           |
| 4972 | NFD      | Task    | New         | Normal   | Migrate WebSocket face to Boost.Beast  |              | 07/27/2019 12:11 PM |                           |
| 4963 | npchat   | Task    | New         | Normal   | Properly handle receiving multiple images from the same friend                                       |              | 06/30/2019 10:46 AM |                           |
| 4956 | npchat   | Task    | New         | Normal   | Create Groups  | Jeremy Clark | 07/03/2019 01:18 PM |                           |
| 4953 | npchat   | Task    | New         | Normal   | Dynamically Load Large File Data   | Jeremy Clark | 06/07/2019 02:51 PM |                           |
| 4938 | npchat   | Task    | New         | Normal   | Fix Share File Button  | Jeremy Clark | 05/21/2019 09:13 AM |                           |
| 4937 | npchat   | Task    | New         | Normal   | Update Android Identity Manager  | Ritik kumar  | 06/06/2019 10:13 AM |                           |

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|------|-----------|---------|-------------|----------|--|------------------|---------------------|---------------|
| 4936 | npchat    | Task    | New         | Normal   | Connect to NDN Testbed   | Jeremy Clark     | 05/21/2019 09:09 AM |               |
| 4933 | npchat    | Task    | New         | Normal   | Testbed Hierarchical Rules Schema  | Ashlesh Gawande  | 05/21/2019 08:49 AM |               |
| 4920 | NLSR      | Task    | New         | Normal   | Set best-route strategy for LSAs   |                  | 04/21/2019 04:50 PM |               |
| 4910 | NLSR      | Task    | New         | Normal   | Suppress sub-prefix of a hub's prefix advertised by NFD  | Saurab Dulal     | 01/14/2022 09:20 PM |               |
| 4899 | PSync     | Task    | New         | Normal   | Add guideline document for setting sync lifetime   |                  | 03/29/2019 02:04 PM |               |
| 4882 | ndn-cxx   | Task    | New         | Normal   | Improve "NDN Regular Expression" documentation   |                  | 02/20/2024 02:54 AM | documentation |
| 4880 | ndn-cxx   | Task    | New         | Normal   | Add randomness to exponential retry on Nack in CertificateFetcherFromNetwork                                       |                  | 02/12/2021 10:57 AM |               |
| 4873 | jndn      | Task    | New         | Normal   | [Android] Incorrect PibImpl when creating KeyChain with pib-sqlite3 pib-locator                                    |                  | 03/19/2019 03:13 PM |               |
| 4867 | PSync     | Task    | New         | Normal   | FullSync: Investigate sending positive set difference during recovery instead of entire dataset                    |                  | 01/02/2023 08:35 PM |               |
| 4850 | PSync     | Task    | New         | Normal   | Look into providing a lower layer service for syncing arbitrary names  |                  | 02/20/2019 11:32 AM |               |
| 4845 | NLSR      | Task    | New         | Normal   | Separate nlsr.conf file for test in home directory   | Saurab Dulal     | 03/17/2021 02:02 PM |               |
| 4839 | NLSR      | Task    | New         | Normal   | Move setInfoInterestFilter and setLsaInterestFilter to their respective classes                                    | Saurab Dulal     | 12/29/2020 07:00 PM |               |
| 4822 | PSync     | Task    | Resolved    | Normal   | Investigate (PartialProducer + Consumer) as a replacement of FullProducer  |                  | 01/30/2019 02:26 PM |               |
| 4803 | NLSR      | Task    | New         | Normal   | Abstract segment fetcher functionality in separate LSA fetcher class   |                  | 05/31/2020 10:04 AM |               |
| 4801 | mini-ndn  | Task    | New         | Normal   | Add documentation to show NLSR setup with switches in topology   |                  | 01/07/2019 10:25 AM |               |
| 4794 | PSync     | Task    | New         | Normal   | Look into using ApplicationParameters instead of Name for the IBF  |                  | 01/09/2022 12:41 PM |               |
| 4772 | PSync     | Task    | New         | Normal   | Update our IBF when we detect future hash and renew sync interest  |                  | 01/02/2023 08:35 PM |               |
| 4738 | ndnSIM    | Task    | New         | Normal   | Make ndnSIM compatible with base NS-3 and publish on <a href="https://apps.nsnam.org/">https://apps.nsnam.org/</a> |                  | 03/28/2019 06:26 PM |               |
| 4733 | ndnSIM    | Task    | New         | Normal   | Update face metric based on link latency   | Chavoosh Ghasemi | 09/12/2018 03:04 PM |               |
| 4715 | NAC       | Task    | New         | Normal   | In addMember, limit the secret bytes to 1 through 127  |                  | 08/17/2018 04:59 PM |               |
| 4678 | NAC       | Task    | New         | Normal   | Use onFailure instead of BOOST_THROW_EXCEPTION in Decryptor::doDecrypt?  |                  | 07/23/2018 01:56 PM |               |
| 4659 | PSync     | Task    | Code review | Normal   | Look into using newer and better hash function   | Junxiao Shi      | 01/02/2023 08:35 PM |               |
| 4655 | NDN-CCL   | Task    | In Progress | Normal   | Port new name-based access control library   |                  | 11/07/2018 12:05 PM |               |
| 4653 | NAC       | Task    | New         | Normal   | Should the new code be hard-wired to AES_CBC?  |                  | 07/06/2018 01:40 PM |               |
| 4638 | mini-ndn  | Task    | In Progress | Normal   | Allow manual specification of experiment module in ExperimentManager   | Alexander Lane   | 06/20/2018 09:39 AM | mininet-wifi  |
| 4637 | ndn-tools | Task    | New         | Normal   | ndncatchunks: use SegmentFetcher   |                  | 06/07/2020 10:31 AM | code-cleanup  |

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|------|-------------------------|---------|-------------|----------|--|--------------------|---------------------|------------|
| 4620 | NLSR                    | Task    | New         | Normal   | Update NLSR Developer's guide to reflect re-built LSDB.  |                    | 05/25/2018 09:40 AM |            |
| 4619 | mini-ndn                | Task    | New         | Normal   | Factor mininet into import calls   |                    | 05/23/2018 12:02 PM |            |
| 4617 | mini-ndn                | Task    | New         | Normal   | Test SUMO capabilities   |                    | 05/21/2018 10:36 AM | wifi       |
| 4616 | mini-ndn                | Task    | New         | Normal   | Test VANET capabilities  |                    | 05/21/2018 10:15 AM | wifi       |
| 4613 | mini-ndn                | Task    | New         | Normal   | Move from scripting NFDC to directly interfacing with NFD Management   |                    | 05/18/2018 10:42 AM |            |
| 4608 | ndnSIM                  | Task    | New         | Normal   | Remove "old" content store   |                    | 05/08/2018 11:56 AM |            |
| 4597 | Consumer / Producer API | Task    | New         | Normal   | Howto fix it ?   |                    | 04/29/2018 06:46 AM |            |
| 4594 | Packaging               | Task    | In Progress | Normal   | systemd service files dependency corrections for nfd and associated daemons                                      | Davide Pesavento   | 12/14/2023 02:21 AM | systemd    |
| 4561 | NLSR                    | Task    | New         | Normal   | Add unit test for checking the published contents  |                    | 03/28/2018 03:13 PM |            |
| 4557 | ndnSIM                  | Task    | Feedback    | Normal   | Upgrade base NS-3 to just released ns-3.28   | Alex Afanasyev     | 05/08/2018 11:02 AM |            |
| 4539 | NFD                     | Task    | New         | Normal   | Management: collect all TLV-TYPE number assignments on the same page   |                    | 08/27/2019 08:39 PM |            |
| 4523 | repo-ng                 | Task    | New         | Normal   | Add Sync support for repo  | weijia yuan        | 11/15/2018 02:29 PM |            |
| 4512 | NLSR                    | Task    | New         | Normal   | Add unit tests for checking the contents of sync data on the wire  |                    | 02/19/2018 08:26 PM |            |
| 4494 | ICE-AR Prototype        | Task    | New         | Normal   | explore the use of RxAdnroidBLE for beaconing  |                    | 02/08/2018 09:54 AM |            |
| 4492 | NFD                     | Task    | New         | Normal   | nfdc XML report and nfd-status-http-server test case   |                    | 01/14/2022 09:33 PM | unit-tests |
| 4486 | ndn-sci                 | Task    | New         | Normal   | NDN Performance evaluation for scientific data - request for comments  |                    | 02/02/2018 03:04 PM |            |
| 4472 | NLSR                    | Task    | In Progress | Normal   | Improve const-ness in codebase.  | Ryan Wickman       | 05/31/2020 10:06 AM |            |
| 4461 | ICE-AR Prototype        | Task    | New         | Normal   | Design and configure three-site testbed  | Yanbiao Li         | 01/18/2018 01:25 PM |            |
| 4460 | ICE-AR Prototype        | Task    | New         | Normal   | Design, then implement and deploy acceleration-as-a-service protocol for one edge module                         | Jessie Xu          | 02/08/2018 11:04 AM |            |
| 4459 | ICE-AR Prototype        | Task    | New         | Normal   | Implement and deploy authentication and access control using NMSU design   |                    | 01/11/2018 09:03 PM |            |
| 4458 | ICE-AR Prototype        | Task    | New         | Normal   | Incorporate bluetooth beacon reading into NFD-andorid  | Yanbiao Li         | 02/08/2018 09:50 AM |            |
| 4457 | ICE-AR Prototype        | Task    | New         | Normal   | develop repo-sync for content publishing and retrieval   | Haitao Zhang       | 01/21/2018 10:06 PM | CS217      |
| 4424 | NLSR                    | Task    | New         | Normal   | Investigate solutions to fetch keys reliably when DirectFetch fails to fetch a key from neighbors' content store |                    | 12/29/2020 07:00 PM |            |
| 4385 | mini-ndn                | Task    | Code review | Normal   | Make NLSR logs available online when the bot fails   | Alexander Lane     | 05/30/2018 12:49 PM |            |
| 4384 | NLSR                    | Task    | New         | Normal   | Use loopback interest to serve own certificate   | Muktadir Chowdhury | 11/16/2017 10:48 AM |            |
| 4381 | mini-ndn                | Task    | In Progress | Normal   | Investigate porting NFD integration tests to Mini-NDN environment  | Alexander Lane     | 12/04/2018 06:05 AM |            |
| 4373 | NLSR                    | Task    | New         | Normal   | Refactor ndnSIM port to use the NLSR statistics system.  |                    | 10/31/2017 01:35 PM |            |
| 4372 | NLSR                    | Task    | Feedback    | Normal   | NLSR should be compatible with ndnSIM.   |                    | 04/10/2019 09:49 AM |            |

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| 4371 | ndnSIM      | Task    | New         | Normal   | Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx)                              |                    | 05/08/2018 10:49 AM |      |
| 4353 | NLSR        | Task    | In Progress | Normal   | Improve LSA class hierarchy and related methods.                              |                    | 11/03/2017 01:27 PM |      |
| 4348 | ndncert     | Task    | New         | Normal   | Get rid of the long term storage assumption from NDNCERT CA design            |                    | 03/15/2018 03:02 AM |      |
| 4338 | mini-ndn    | Task    | New         | Normal   | Use persistent face instead of permanent face for NLSR in Mini-NDN            |                    | 10/20/2017 10:51 AM |      |
| 4320 | ndnSIM      | Task    | New         | Normal   | assign custom colors, description on NDN based nodes                          |                    | 05/08/2018 10:50 AM |      |
| 4308 | mini-ndn    | Task    | New         | Normal   | Look into using docker/docker containers                                      |                    | 01/14/2022 09:41 PM |      |
| 4272 | NLSR        | Task    | New         | Normal   | Implement validation of the interest from remote router and local host        |                    | 09/06/2017 08:09 AM |      |
| 4271 | NLSR        | Task    | New         | Normal   | Implement common TLV system.  |                    | 09/05/2017 01:50 PM |      |
| 4270 | NLSR        | Task    | New         | Normal   | Write tests for the common TLV system.  |                    | 09/05/2017 01:48 PM |      |
| 4269 | NLSR        | Task    | New         | Normal   | Design common TLV system.   |                    | 09/05/2017 01:50 PM |      |
| 4253 | NLSR        | Task    | In Progress | Normal   | Unit tests should be more deterministic                                       |                    | 08/24/2017 10:58 AM |      |
| 4153 | ndns        | Task    | New         | Normal   | Add Cache resolver for NDNS   |                    | 06/25/2017 01:38 AM |      |
| 4151 | ndns        | Task    | New         | Normal   | Add certificate fetcher for both NDNS stored-certificate and NDNS certificate |                    | 06/25/2017 01:20 AM |      |
| 4141 | mini-ndn    | Task    | In Progress | Normal   | Develop some experiment/examples with common client libraries                 | Damian Coomes      | 09/13/2020 11:54 AM |      |
| 4139 | NLSR        | Task    | New         | Normal   | Add explanation for the unit-tests  | Muktadir Chowdhury | 06/19/2017 10:40 AM |      |
| 4138 | NLSR        | Task    | New         | Normal   | Add Prefix Update Processor section nlsr doc                                  |                    | 06/19/2017 10:37 AM |      |
| 4127 | NLSR        | Task    | In Progress | Normal   | Rebuild the LSDB  | Ashlesh Gawande    | 01/31/2021 09:34 AM |      |
| 4109 | NLSR        | Task    | Code review | Normal   | Replace NextHopList with a better container                                   | Laqin Fan          | 12/29/2020 06:58 PM |      |
| 4078 | mini-ndn    | Task    | New         | Normal   | Use popen in ndn_application  |                    | 06/07/2018 07:40 AM |      |
| 4069 | mini-ndn    | Task    | New         | Normal   | Investigate Mini-NDN topology link setup                                      |                    | 12/21/2017 04:07 PM |      |
| 4043 | ndncert     | Task    | New         | Normal   | Infinite size issue of CA's storage   |                    | 04/11/2017 03:21 PM |      |
| 4042 | ndncert     | Task    | New         | Normal   | Expand scope of PROBE to support more than namespace assignment               |                    | 06/02/2022 02:32 PM |      |
| 4040 | ndnSIM      | Task    | New         | Normal   | Example WiFi scenarios should disable NACK generation                         | Spyros Mastorakis  | 05/08/2018 10:56 AM |      |
| 4022 | ndnSIM      | Task    | New         | Normal   | multicast strategy does not work in AnnotatedTopologyReader                   | Alex Afanasyev     | 05/08/2018 10:48 AM |      |
| 3996 | NLSR        | Task    | New         | Normal   | Add Nack functionality (wherever needed) in expressInterestMethod()           |                    | 01/02/2018 02:01 PM |      |
| 3994 | ndncert     | Task    | New         | Normal   | Add validator instance for each CA  |                    | 03/13/2017 12:47 PM |      |
| 3952 | ChronoShare | Task    | Resolved    | Normal   | Restore routable prefix discovery in Dispatcher module                        | Yukai Tu           | 04/03/2017 04:09 PM |      |
| 3950 | NLSR        | Task    | New         | Normal   | Use CertificateBundleFetcher instead of DirectFetcher                         | Muktadir Chowdhury | 12/29/2020 06:57 PM |      |
| 3939 | NFD-android | Task    | New         | Normal   | WiFi Direct support   |                    | 02/02/2017 08:33 PM |      |

| #    | Project            | Tracker | Status   | Priority | Subject   | Assignee           | Updated             | Tags                    |
|------|--------------------|---------|----------|----------|---|--------------------|---------------------|-------------------------|
| 3937 | NLSR               | Task    | New      | Normal   | NLSR should react to Face event notifications   | Saurab Dulal       | 12/29/2020 06:57 PM |                         |
| 3926 | ChronoShare        | Task    | New      | Normal   | Avoid all uses of boost::posix_time with ndn::time (boost::chrono)                      | Yukai Tu           | 01/15/2017 02:36 PM |                         |
| 3925 | ChronoShare        | Task    | New      | Normal   | Avoid creation multiple instances of KeyChain   | Yukai Tu           | 01/13/2017 04:10 PM |                         |
| 3916 | ndn-cxx            | Task    | New      | Normal   | Rewrite security tutorial   |                    | 06/07/2020 05:50 PM | security, documentation |
| 3905 | ndns               | Task    | New      | Normal   | Refactory ndns-update and ndns-add-rr   |                    | 12/30/2016 02:56 PM |                         |
| 3901 | NDN Control Center | Task    | New      | Normal   | Create bash-completion script for `ndn` command   |                    | 12/23/2016 07:23 PM |                         |
| 3895 | NFD                | Task    | New      | Normal   | Write a style file for clang-format   |                    | 12/20/2022 02:19 AM | needs-discussion        |
| 3890 | NDN Control Center | Task    | New      | Normal   | Identity management module  |                    | 12/14/2016 12:59 PM |                         |
| 3883 | ChronoSync         | Task    | New      | Normal   | Time gap between interest expiration and refresh  | Sonu Mishra        | 12/11/2016 01:27 PM |                         |
| 3867 | ndn-tools          | Task    | New      | Normal   | autoconfig: move from NFD repository  | Davide Pesavento   | 02/17/2019 03:58 PM |                         |
| 3862 | NFD                | Task    | New      | Normal   | Investigate unordered CS  |                    | 12/04/2018 11:42 PM |                         |
| 3842 | NLSR               | Task    | New      | Normal   | Add timestamp information for LSAs in LSDB  |                    | 05/24/2017 03:54 PM |                         |
| 3830 | NFD                | Task    | New      | Normal   | Make ASF strategy tests predictable   |                    | 02/02/2024 11:15 PM | ASF, unit-tests         |
| 3807 | NFD                | Task    | New      | Normal   | Content store profiling   |                    | 10/07/2023 09:51 PM |                         |
| 3775 | NFD-android        | Task    | New      | Normal   | Fix hard-coded private keys for prefix registrations with local NFD                     |                    | 09/11/2016 01:49 PM |                         |
| 3611 | NDN in the browser | Task    | New      | Normal   | Micro Forwarder README  |                    | 05/20/2023 06:22 AM |                         |
| 3595 | NLSR               | Task    | New      | Normal   | Document certificate generation process   | Muktadir Chowdhury | 12/29/2020 06:57 PM | cri-yearone             |
| 3593 | NLSR               | Task    | New      | Normal   | Handle old state in Sync digest tree  |                    | 06/19/2017 01:05 PM |                         |
| 3584 | NDN in the browser | Task    | New      | Normal   | Micro Forwarder: Update the Hackathon page  |                    | 04/01/2016 04:14 PM |                         |
| 3567 | NFD                | Task    | Feedback | Normal   | Face system benchmark   |                    | 10/07/2023 09:50 PM |                         |
| 3561 | ndn-cxx            | Task    | New      | Normal   | Add a FOO_MAX enumerator to all public enumerations                                     |                    | 06/29/2020 11:47 PM | API                     |
| 3551 | ndnrtc             | Task    | New      | Normal   | Determine if best-route strategy is causing performance degradation for NDN-RTC traffic | Peter Gusev        | 03/13/2016 05:20 PM |                         |
| 3549 | ndnrtc             | Task    | Resolved | Normal   | Prep for March 16 seminar   | Peter Gusev        | 10/31/2016 03:52 PM |                         |
| 3541 | ndnrtc             | Task    | New      | Normal   | [ndnrtc] Increased latency after rebuffering  | Peter Gusev        | 03/10/2016 03:53 PM |                         |
| 3537 | ndnrtc             | Task    | New      | Normal   | [ndncon] Memory footprint grows over long runs for publishers                           | Peter Gusev        | 03/09/2016 05:40 PM |                         |
| 3536 | ndnrtc             | Task    | New      | Normal   | [ndncon] Crashes when leaving/joining chat  | Peter Gusev        | 03/09/2016 05:38 PM |                         |
| 3535 | ndnrtc             | Task    | New      | Normal   | [ndncon] Crashes when stop publishing audio   | Peter Gusev        | 03/09/2016 05:37 PM |                         |
| 3534 | ndnrtc             | Task    | New      | Normal   | [ndncon/ndnrtc] Bugfixing and optimization  |                    | 03/15/2016 06:17 PM |                         |
| 3529 | ndnrtc             | Task    | New      | Normal   | [ndnrtc-oi] Ingest current consumer state   | Peter Gusev        | 03/09/2016 05:22 PM |                         |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags             |
|------|--------------------|---------|-------------|----------|---|--------------------|---------------------|------------------|
| 3527 | ndnrtc             | Task    | New         | Normal   | [ndnrtc-oi] Implement NDN-RTC metric ingestion into Operational Intelligence tool | Peter Gusev        | 03/15/2016 06:22 PM |                  |
| 3526 | ndnrtc             | Task    | Resolved    | Normal   | March 10 NDN-RTC test   | Peter Gusev        | 10/31/2016 04:02 PM |                  |
| 3516 | ndnrtc             | Task    | New         | Normal   | Decrease conversational latency perceived by users                                | Peter Gusev        | 03/07/2016 09:15 AM |                  |
| 3486 | ndnrtc             | Task    | Resolved    | Normal   | Scripts to log NFD counters across testbed during runs                            | Peter Gusev        | 10/31/2016 03:42 PM |                  |
| 3485 | ndnrtc             | Task    | Resolved    | Normal   | Prep for March 2 seminar with NDN-RTC   | Peter Gusev        | 10/31/2016 04:04 PM |                  |
| 3482 | NFD                | Task    | New         | Normal   | Document expected packet processing performance                                   |                    | 10/07/2023 09:47 PM | documentation    |
| 3476 | NFD                | Task    | New         | Normal   | Design NFD instrumentation  |                    | 03/15/2019 11:17 AM |                  |
| 3475 | NDN Specifications | Task    | New         | Normal   | Explore approach to packet prioritization   | Jeff Burke         | 08/26/2020 04:46 PM | needs-discussion |
| 3457 | NFD-android        | Task    | New         | Normal   | Collect and notify apps about routable prefixes                                   |                    | 02/13/2019 12:48 PM |                  |
| 3422 | NDN in the browser | Task    | New         | Normal   | ndn protocol add-on: Rewrite deprecated XPCOM and XUL                             |                    | 05/20/2023 06:21 AM |                  |
| 3413 | NLSR               | Task    | New         | Normal   | Reattempt LSA fetch based on SegmentFetcher failure specific error codes          |                    | 01/14/2016 01:35 PM |                  |
| 3393 | ndn-cxx            | Task    | New         | Normal   | Create infrastructure for documentation currently in ndn-cxx developer's guide    | Alex Afanasyev     | 01/23/2018 11:20 PM |                  |
| 3369 | NFD                | Task    | New         | Normal   | EthernetTransport: test suite improvement   |                    | 11/07/2018 10:28 PM | unit-tests       |
| 3325 | NFD                | Task    | In Progress | Normal   | Improve FaceDataset and GeneralStatusDataset tests                                |                    | 11/04/2022 08:58 PM | unit-tests       |
| 3304 | repo-ng            | Task    | New         | Normal   | ndnputfile ERROR: check response timeout  |                    | 11/03/2015 05:08 AM |                  |
| 3271 | mini-ndn           | Task    | New         | Normal   | Add automatic testing of Mini-NDN patches on Gerrit                               |                    | 12/21/2017 04:10 PM |                  |
| 3261 | NFD                | Task    | New         | Normal   | App-developer oriented docs summarizing autoconfiguration steps                   |                    | 10/07/2023 09:40 PM | documentation    |
| 3254 | NLSR               | Task    | New         | Normal   | Design automated key rollover process   | Muktadir Chowdhury | 12/29/2020 06:56 PM |                  |
| 3224 | ChronoSync         | Task    | New         | Normal   | Renaming common.hpp to common-chronosync.hpp                                      |                    | 09/23/2015 04:28 PM |                  |
| 3189 | ndn-sci            | Task    | New         | Normal   | Use logging in catalog  | Chengyu Fan        | 09/08/2015 01:50 PM |                  |
| 3121 | ndnSIM             | Task    | New         | Normal   | Update FibHelper to use RIB management  |                    | 05/08/2018 10:53 AM |                  |
| 3101 | ndn-cxx            | Task    | New         | Normal   | Exception safety of Face::onReceiveElement  |                    | 08/31/2015 11:10 AM |                  |
| 3096 | ndn-sci            | Task    | New         | Normal   | producer should be able to publish dataset names using multiple data packet       |                    | 08/11/2015 01:30 PM |                  |
| 3095 | ndn-sci            | Task    | New         | Normal   | Enable multi-threads publication  |                    | 08/11/2015 01:27 PM |                  |
| 3094 | ndn-sci            | Task    | New         | Normal   | calculate the payload limit based on the configuration                            | Chengyu Fan        | 08/11/2015 01:14 PM |                  |
| 3082 | NLSR               | Task    | Code review | Normal   | Allow configuration file to be reloaded while NLSR is running                     | Saurab Dulal       | 12/29/2020 06:56 PM |                  |
| 3057 | mini-ndn           | Task    | New         | Normal   | Add framework to add user application configuration to GUI                        |                    | 07/17/2015 01:20 PM |                  |
| 3056 | mini-ndn           | Task    | New         | Normal   | Add ability to specify name prefixes announced by NLSR on a node                  |                    | 07/17/2015 01:17 PM |                  |



| #    | Project     | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags |
|------|-------------|---------|-------------|----------|---|--------------------|---------------------|------|
| 3055 | mini-ndn    | Task    | New         | Normal   | Investigate feasibility of integration tests which require Ethernet Face support              |                    | 07/17/2015 12:43 PM |      |
| 3001 | ndn-sci     | Task    | New         | Normal   | Frontend doesn't work with Chrome   |                    | 06/30/2015 01:57 PM |      |
| 2959 | NLSR        | Task    | New         | Normal   | Design NLSR statistics dataset  | Saurab Dulal       | 12/29/2020 06:55 PM |      |
| 2958 | NLSR        | Task    | New         | Normal   | Allow user to request NLSR statistics using NLSRC   | Saurab Dulal       | 12/29/2020 06:54 PM |      |
| 2957 | NLSR        | Task    | In Progress | Normal   | Implement Statistics publisher  | Damian Coomes      | 12/29/2020 06:54 PM |      |
| 2953 | NLSR        | Task    | New         | Normal   | Implement broadcast link Hello protocol   |                    | 01/02/2018 01:16 PM |      |
| 2952 | NLSR        | Task    | New         | Normal   | Design broadcast link Hello protocol  |                    | 01/02/2018 01:07 PM |      |
| 2947 | mini-ndn    | Task    | New         | Normal   | Add ability to save statistics to file after an experiment has run                            |                    | 09/13/2020 11:50 AM |      |
| 2945 | mini-ndn    | Task    | New         | Normal   | Display statistics during collection  |                    | 09/13/2020 11:49 AM |      |
| 2943 | mini-ndn    | Task    | New         | Normal   | Collect statistics during experiment  |                    | 09/13/2020 11:35 AM |      |
| 2939 | mini-ndn    | Task    | New         | Normal   | Static IP addresses should be assignable to nodes   |                    | 09/13/2020 10:25 AM |      |
| 2936 | NLSR        | Task    | New         | Normal   | Determine how to make NFD FIB Entries consistent with ranking in NLSR when costs are the same |                    | 05/31/2017 08:37 AM |      |
| 2918 | ndn-sci     | Task    | New         | Normal   | Move autocomplete to the backend  |                    | 06/17/2015 01:11 PM |      |
| 2917 | ndn-sci     | Task    | New         | Normal   | Define AND, OR and NOT language for discovery   |                    | 06/17/2015 01:08 PM |      |
| 2894 | ndn-sci     | Task    | New         | Normal   | Create NDN topology on the testbed  |                    | 06/12/2015 02:09 PM |      |
| 2887 | ndn-sci     | Task    | In Progress | Normal   | Implement Publish Agent and Adapter   | susmit shannigrahi | 07/14/2015 02:16 PM |      |
| 2885 | ndn-sci     | Task    | New         | Normal   | Publication data packets schema   |                    | 06/12/2015 09:50 AM |      |
| 2822 | ndn-sci     | Task    | New         | Normal   | Move the sql code out of the code and in a config file.                                       |                    | 05/15/2015 10:20 AM |      |
| 2821 | ndn-sci     | Task    | New         | Normal   | Fix output format for the translator  | susmit shannigrahi | 05/15/2015 09:59 AM |      |
| 2789 | mini-ndn    | Task    | New         | Normal   | Add verification test for minindn   |                    | 05/05/2015 02:06 PM |      |
| 2777 | NLSR        | Task    | New         | Normal   | Only register new routes and unregister invalid routes after a routing table calculation      | Damian Coomes      | 12/29/2020 06:53 PM |      |
| 2775 | ndn-sci     | Task    | New         | Normal   | Design an improved query search result UI   |                    | 04/27/2015 09:07 AM |      |
| 2774 | ndn-sci     | Task    | New         | Normal   | Design minimal search language  |                    | 04/27/2015 09:05 AM |      |
| 2773 | ndn-sci     | Task    | New         | Normal   | Design metadata searches  |                    | 04/27/2015 09:04 AM |      |
| 2772 | ndn-sci     | Task    | New         | Normal   | Implement union search  |                    | 04/27/2015 09:02 AM |      |
| 2771 | ndn-sci     | Task    | New         | Normal   | mock "union" search capability  |                    | 04/27/2015 09:02 AM |      |
| 2770 | ndn-sci     | Task    | In Progress | Normal   | base catalog version on ChronoSync  | Chengyu Fan        | 10/14/2015 01:16 PM |      |
| 2745 | NFD-android | Task    | New         | Normal   | Cleaning up dialog fragments that pass results back to the target fragment                    |                    | 02/13/2019 12:47 PM |      |
| 2732 | NLSR        | Task    | New         | Normal   | Refresh Name prefixes when receiving an update Name LSA                                       | Saurab Dulal       | 12/29/2020 06:53 PM |      |
| 2726 | ndn-sci     | Task    | New         | Normal   | Load repos with CMIP5 data  | Chengyu Fan        | 04/15/2015 09:18 PM |      |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee    | Updated             | Tags          |
|------|------------------|---------|-------------|----------|---|-------------|---------------------|---------------|
| 2701 | ndns             | Task    | Code review | Normal   | ndns-add-rr enables special handling for self-signed KSK                                    | Jiewen Tan  | 04/15/2015 10:10 PM |               |
| 2693 | ndn-sci          | Task    | New         | Normal   | Need to discuss journal paper   |             | 03/24/2015 01:30 PM |               |
| 2666 | NFD-android      | Task    | New         | Normal   | Icons for navigation drawer items   |             | 02/13/2019 12:47 PM |               |
| 2623 | NFD-android      | Task    | New         | Normal   | Extend log output settings  |             | 02/13/2019 12:47 PM |               |
| 2616 | ndn-sci          | Task    | New         | Normal   | Document trust model  |             | 03/03/2015 05:51 PM |               |
| 2614 | ndn-cxx          | Task    | New         | Normal   | code-style: line width  |             | 01/23/2018 09:51 PM |               |
| 2598 | ndn-sci          | Task    | New         | Normal   | Write Catalog README.md   |             | 03/02/2015 01:06 PM |               |
| 2557 | ndnSIM           | Task    | New         | Normal   | Create examples using UDP faces.  |             | 05/08/2018 10:52 AM |               |
| 2554 | NFD-android      | Task    | New         | Normal   | PIB service   |             | 02/13/2019 12:47 PM |               |
| 2540 | ChronoSync       | Task    | New         | Normal   | Re-license code to LGPL 3+  | Yingdi Yu   | 01/18/2021 02:11 AM |               |
| 2539 | ChronoChat       | Task    | New         | Normal   | Re-license code to GPL 3+   |             | 12/26/2020 07:37 PM |               |
| 2538 | ndnSIM           | Task    | New         | Normal   | Figure out whether there are memory leaks in ndnSIM.  |             | 05/08/2018 10:52 AM |               |
| 2487 | ChronoChat       | Task    | Code review | Normal   | Use user's default identity as the initial identity   |             | 04/07/2015 08:55 PM |               |
| 2455 | ndn-cxx          | Task    | New         | Normal   | code-style: noncopyable   |             | 01/23/2018 09:51 PM |               |
| 2435 | NFD-android      | Task    | New         | Normal   | PIT/FIB/RIB state snapshot and restore from snapshots                                       |             | 02/13/2019 12:47 PM |               |
| 2371 | ndnSIM           | Task    | New         | Normal   | Port TcpFace and UdpFace to the new code base   |             | 02/01/2016 06:04 PM |               |
| 2285 | Signature Logger | Task    | New         | Normal   | Examine the old sig-logger commits and fix problems when necessary                          | Yingdi Yu   | 12/10/2014 11:00 AM |               |
| 2263 | ndn-cxx          | Task    | New         | Normal   | code-style: Doxygen syntax  |             | 02/21/2019 09:17 AM |               |
| 2229 | ndns             | Task    | Code review | Normal   | Combine ndns-add-rr and ndns-add-rr-from-file to a single command                           | Jiewen Tan  | 03/20/2015 06:15 PM |               |
| 2228 | ndns             | Task    | Code review | Normal   | ndns-add-rr: Report status of the command   | Jiewen Tan  | 03/26/2015 12:41 AM |               |
| 2224 | ndns             | Task    | Code review | Normal   | tools: ndns-remove-rr   | Jiewen Tan  | 03/26/2015 01:06 AM |               |
| 2221 | ndn-cxx          | Task    | New         | Normal   | Face: unit test coverage for specifying signing identity/certificate in prefix registration |             | 02/14/2019 09:43 PM | unit-tests    |
| 2208 | ndn-cxx          | Task    | New         | Normal   | Implement "Listening" TCP/UDP transport   |             | 11/21/2014 01:49 PM |               |
| 2187 | ndns             | Task    | In Progress | Normal   | remove RRs on name server when the DSK which signs those RRs are removed.                   | Shock Jiang | 03/26/2015 12:20 PM |               |
| 2137 | ndn-cxx          | Task    | New         | Normal   | Provide simple examples with Makefile, automake, waf to build against ndn-cxx library       |             | 06/11/2021 03:50 PM | documentation |
| 2069 | ndn-cxx          | Task    | New         | Normal   | Write tests for ndnsec  |             | 10/07/2023 09:20 PM | unit-tests    |
| 2064 | ndn-cxx          | Task    | New         | Normal   | Declare environment for integrated tests  |             | 10/14/2014 09:25 AM |               |
| 2010 | NFD              | Task    | New         | Normal   | RIB cost guidelines   |             | 10/31/2014 02:26 PM |               |
| 2000 | NFD              | Task    | New         | Normal   | Composable strategy building blocks   |             | 04/28/2020 10:15 PM |               |
| 1973 | NFD              | Task    | New         | Normal   | Build tarball and upload to website   |             | 11/04/2019 02:56 PM |               |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee       | Updated             | Tags                          |
|------|--------------------|---------|-------------|----------|---|----------------|---------------------|-------------------------------|
| 1965 | ndns               | Task    | In Progress | Normal   | Extend documentation  | Shock Jiang    | 11/26/2014 12:24 AM |                               |
| 1948 | ndn-cxx            | Task    | New         | Normal   | Run integrated tests for every Jenkins build  |                | 06/27/2018 01:39 AM |                               |
| 1858 | repo-ng            | Task    | New         | Normal   | Client library to handle repo-ng  |                | 08/29/2014 12:29 PM |                               |
| 1829 | repo-ng            | Task    | New         | Normal   | Example producer to help testing / guide development application for watch protocol                                 |                | 08/06/2014 01:38 PM |                               |
| 1809 | repo-ng            | Task    | New         | Normal   | RepoSync  |                | 07/19/2016 01:36 PM |                               |
| 1801 | repo-ng            | Task    | In Progress | Normal   | repo performance test tools: repong-put-packet repong-get-packet repong-remove-packet                               | Shuo Chen      | 03/03/2015 12:00 PM |                               |
| 1783 | repo-ng            | Task    | New         | Normal   | create wiki about access control  | Weiqi Shi      | 07/24/2014 11:07 AM |                               |
| 1779 | repo-ng            | Task    | New         | Normal   | ndndumpfile: local dump tool  |                | 07/18/2014 10:41 PM |                               |
| 1776 | ndn-cxx            | Task    | New         | Normal   | Transport: ensure all packets are sent before closing socket  |                | 06/05/2018 08:45 PM |                               |
| 1748 | NDN Specifications | Task    | New         | Normal   | Request Ethertype from IEEE   | Lixia Zhang    | 09/01/2014 08:21 PM |                               |
| 1747 | NDN Specifications | Task    | In Progress | Normal   | Request IPv4 and IPv6 multicast addresses from IANA   | Alex Afanasyev | 01/13/2018 06:51 PM |                               |
| 1746 | NDN Specifications | Task    | New         | Normal   | Request TCP port from IANA  | Lixia Zhang    | 01/13/2018 07:00 PM |                               |
| 1695 | repo-ng            | Task    | In Progress | Normal   | Repo-ng slowdown for large repo sizes   |                | 08/11/2014 08:16 AM |                               |
| 1573 | repo-ng            | Task    | New         | Normal   | WriteHandle doesn't stop expressing Interests when FinalBlockId is present in the last Data packet                  |                | 06/19/2014 08:21 PM |                               |
| 1516 | ndn-cxx            | Task    | New         | Normal   | Add howto/hands-on manual on creating certificates  |                | 10/07/2023 09:15 PM | documentation, security       |
| 1498 | repo-ng            | Task    | New         | Normal   | Command-line tool to print out names of stored data   |                | 04/28/2014 10:07 AM |                               |
| 1478 | repo-ng            | Task    | New         | Normal   | Deletion progress check   |                | 04/28/2014 10:08 AM |                               |
| 1477 | repo-ng            | Task    | New         | Normal   | Deletion of segmented data without EndBlockId   |                | 04/14/2014 09:21 AM |                               |
| 1447 | NFD                | Task    | New         | Normal   | Replace std::list with std::unordered_map for similar Interests in NameTree entry                                   |                | 11/04/2019 02:55 PM |                               |
| 1293 | NFD                | Task    | New         | Normal   | Reserve buffer space when receiving packets on all faces  |                | 11/14/2014 01:23 PM |                               |
| 5141 | NFD                | Task    | New         | Low      | Investigate new clang PCH flags   |                | 12/01/2023 07:15 PM | waf                           |
| 5107 | NLSR               | Task    | New         | Low      | Revisit NLSR log message  |                | 04/25/2020 02:23 PM |                               |
| 5091 | NFD                | Task    | New         | Low      | Switch NFD configuration file format  |                | 08/27/2020 07:14 PM | needs-discussion              |
| 5084 | NLSR               | Task    | New         | Low      | Verify compatibility of NLSR Node with default PSync header compression versus nodes with other compression scheme. |                | 12/29/2020 07:01 PM |                               |
| 4976 | ndncert            | Task    | New         | Low      | Add unit tests for command line tools   |                | 11/22/2021 11:57 PM |                               |
| 4911 | PSync              | Task    | In Progress | Low      | IBLT::listEntries should initially clear the result sets  | Junxiao Shi    | 01/19/2024 12:50 PM |                               |
| 4836 | PSync              | Task    | New         | Low      | Throwing exception in ProducerBase::onRegisterFailed has no effect  |                | 02/14/2019 11:25 AM |                               |
| 4754 | ndn-cxx            | Task    | New         | Low      | tpm::BackEndOsx uses deprecated macOS functions   |                | 07/19/2022 02:26 PM | code-cleanup, security, macOS |

| #    | Project   | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags                   |
|------|-----------|---------|-------------|----------|---|--------------------|---------------------|------------------------|
| 4731 | NFD       | Task    | Feedback    | Low      | RIB: deduplicate RibManager::FaceIdSet and Rib::FaceLookupTable                   |                    | 04/03/2021 01:14 AM | code-cleanup           |
| 4387 | NFD       | Task    | New         | Low      | Use a real benchmarking library for benchmarks                                    |                    | 06/07/2020 10:32 AM | code-cleanup           |
| 4106 | NLSR      | Task    | New         | Low      | Move clobbering-check from Fib::update to Fib::scheduleEntryRefresh               |                    | 12/29/2020 06:58 PM |                        |
| 3575 | mini-ndn  | Task    | New         | Low      | Use default_level from nfd.conf as default nfd-log-level                          |                    | 04/01/2016 07:38 AM |                        |
| 3377 | NFD       | Task    | In Progress | Low      | FaceManager: test suite improvement   |                    | 11/04/2022 08:59 PM | unit-tests             |
| 2794 | ndn-tools | Task    | New         | Low      | ping: improve the accuracy of stddev computation                                  |                    | 05/07/2015 11:00 AM |                        |
| 2647 | NLSR      | Task    | New         | Low      | Suppress routing table recalculation when Adjacency LSA is refreshed              |                    | 12/29/2020 06:51 PM |                        |
| 2529 | ndn-cxx   | Task    | New         | Low      | code-style: line continuation   |                    | 05/27/2022 12:04 AM |                        |
| 2503 | NFD       | Task    | New         | Low      | Optimize usage of steady_clock::now()   |                    | 02/23/2015 09:12 PM |                        |
| 2245 | ndns      | Task    | New         | Low      | Web interface to manage NDNS database   |                    | 11/30/2014 09:54 PM |                        |
| 1204 | ndn-cxx   | Task    | New         | Low      | Redesign of signing process / Per-instance signing keys                           |                    | 11/18/2014 09:59 PM |                        |
| 5316 | mini-ndn  | Bug     | In Progress | High     | Resolution to bug #5309 not supporting PPAs                                       | Alexander Lane     | 04/04/2024 06:13 PM |                        |
| 5246 | mini-ndn  | Bug     | New         | High     | Setting link parameters via topology conf file broken in Mini-NDN-Wifi            |                    | 11/06/2022 11:26 AM | topology, mininet-wifi |
| 4944 | repo-ng   | Bug     | New         | High     | ndnputfile does not work  |                    | 10/07/2023 08:49 PM |                        |
| 4376 | repo-ng   | Bug     | New         | High     | ERROR: insert command failed with code 402  |                    | 11/02/2017 03:49 PM |                        |
| 2703 | ndnrtc    | Bug     | New         | High     | [NdnCon] Make possible to choose different than system audio input.               |                    | 04/01/2015 11:32 PM |                        |
| 2688 | ndnrtc    | Bug     | Resolved    | High     | [NdnCon] Adding new user  |                    | 10/31/2016 03:30 PM |                        |
| 2628 | NDN-CCL   | Bug     | New         | High     | Default value for Interest.Selectors.MustBeFresh should be false                  |                    | 02/08/2016 10:08 PM |                        |
| 2575 | NDN-CCL   | Bug     | New         | High     | Unspecified fields should not be present in packets                               |                    | 03/09/2015 01:43 PM |                        |
| 5307 | mGuard    | Bug     | New         | Normal   | ck+encrypted data bug   |                    | 01/09/2024 09:31 PM |                        |
| 5280 | ndn-cxx   | Bug     | New         | Normal   | ValidityPeriod.NotAfter=99991231T235959 truncated                                 |                    | 08/07/2023 06:20 PM |                        |
| 5273 | ndnSIM    | Bug     | New         | Normal   | Duplicated commands of AddRoute and RemoveRoute do not modify FIB                 | Mark Theerantachai | 07/17/2023 12:12 PM |                        |
| 5266 | PSync     | Bug     | New         | Normal   | Drop sync reply freshness to prevent caching-related issues                       | Alexander Lane     | 05/23/2023 06:32 PM |                        |
| 5243 | ndn-tools | Bug     | New         | Normal   | Goodput is zero on ARMv7  |                    | 10/04/2022 04:58 PM |                        |
| 5234 | mini-ndn  | Bug     | In Progress | Normal   | Broken mobility bounds in Mini-NDN  | Alexander Lane     | 08/08/2022 04:56 PM | mobility               |
| 5156 | ndn-tools | Bug     | New         | Normal   | ndncatchunks: m_nInFlight > 0 assertion failed when transferring large file       |                    | 04/06/2021 06:00 PM |                        |
| 5152 | NLSR      | Bug     | New         | Normal   | Problem of assigning link-cost to "zero" for neighbors in Hyperbolic Routing (HR) |                    | 03/01/2022 06:44 PM |                        |
| 5149 | NFD       | Bug     | New         | Normal   | Error 10060 when fetching RIB dataset: Timeout exceeded                           |                    | 02/26/2021 03:25 AM |                        |

| #    | Project     | Tracker | Status      | Priority | Subject  | Assignee         | Updated             | Tags          |
|------|-------------|---------|-------------|----------|--|------------------|---------------------|---------------|
| 5126 | ndn-cxx     | Bug     | New         | Normal   | Unreliable (or ill-designed?) test case<br>Encoding/TestBlock/Construction/FromBlock   |                  | 12/08/2023 07:12 PM | unit-tests    |
| 5125 | mini-ndn    | Bug     | New         | Normal   | While creating Minindn object in topology script, and running the script, always print out "Dummy key chain patch is installed in ndn-cxx. Security will be disabled." |                  | 08/12/2020 02:48 PM |               |
| 5098 | ChronoSync  | Bug     | New         | Normal   | LeafTests/LeafDigest fails on s390x  |                  | 04/02/2020 01:14 PM |               |
| 5047 | NFD         | Bug     | New         | Normal   | Router should reject /localhost prefix registration  |                  | 06/12/2021 11:47 AM |               |
| 5018 | NFD         | Bug     | New         | Normal   | Attach PrefixAnnouncement to Data if needed in afterContentStoreHit  |                  | 12/01/2023 06:58 PM | self-learning |
| 5002 | ndnSIM      | Bug     | New         | Normal   | topologyReader.ApplyOspfMetric() doesn't work unless ndn::StackHelper is installed   |                  | 09/18/2019 01:54 PM |               |
| 4999 | NDN-CCL     | Bug     | New         | Normal   | CI documentation build relies on Python 2  |                  | 10/03/2019 07:21 PM |               |
| 4971 | NLSR        | Bug     | New         | Normal   | Handle uncaught throw statements in NLSR tlv code  | Saurab Dulal     | 12/30/2020 10:06 AM |               |
| 4959 | ndn-cxx     | Bug     | New         | Normal   | operator<<(std::ostream&, const Data&) may throw   | Davide Pesavento | 09/17/2022 03:03 PM |               |
| 4948 | NFD-android | Bug     | New         | Normal   | Multiple screen overlapping after rotating the phone   |                  | 09/01/2019 09:02 PM |               |
| 4919 | NLSR        | Bug     | New         | Normal   | Schedule hello interest after FACE_EVENT_CREATED is received   |                  | 04/21/2019 04:40 PM |               |
| 4870 | NFD-android | Bug     | New         | Normal   | Persistent notification is posted when NFD is not running  |                  | 08/24/2023 08:44 PM |               |
| 4866 | ndn-tools   | Bug     | New         | Normal   | ndnputchunks consumes a large amount of RAM  |                  | 01/27/2020 02:45 PM |               |
| 4828 | NFD-android | Bug     | New         | Normal   | Wifi Direct Will Not Reconnect After nfd-restart Using Button Inside NFD-android   |                  | 02/02/2019 11:22 AM |               |
| 4818 | PSync       | Bug     | Code review | Normal   | murmurHash3 of uint32_t is not endian safe   | Junxiao Shi      | 01/02/2023 08:38 PM |               |
| 4792 | mini-ndn    | Bug     | New         | Normal   | NFDC does not work when ran through popen  |                  | 06/19/2019 04:34 AM |               |
| 4648 | NFD-android | Bug     | New         | Normal   | Prefix propagation does not work with app-owned certificate  |                  | 07/05/2018 08:07 AM |               |
| 4644 | mini-ndn    | Bug     | New         | Normal   | Mini-NDN checks for nlsr dependency with --no-nlsr option  |                  | 06/27/2018 09:42 AM |               |
| 4574 | NFD         | Bug     | New         | Normal   | Dysfunctional test cases in Face/TestTcpFactory  | Alex Afanasyev   | 12/13/2022 02:55 AM | unit-tests    |
| 4569 | ndn-cxx     | Bug     | In Progress | Normal   | Default-constructed MetaInfo does not equal MetaInfo decoded with default values   | Davide Pesavento | 08/25/2019 08:16 PM |               |
| 4554 | Packaging   | Bug     | New         | Normal   | ndn-autoconfig-client: prefix registration failure   |                  | 03/23/2018 09:04 PM |               |
| 4549 | NLSR        | Bug     | New         | Normal   | NLSR currently segments LSAs very conservatively   |                  | 08/14/2023 11:05 AM |               |
| 4537 | ndn-cxx     | Bug     | New         | Normal   | Validator doesn't properly handle exceptions from the callbacks  |                  | 03/05/2018 08:19 PM |               |
| 4525 | ChronoSync  | Bug     | New         | Normal   | Destructing a ChronoSync socket object shuts down the face   |                  | 03/02/2018 10:33 AM |               |
| 4495 | ChronoSync  | Bug     | New         | Normal   | Strange buffer overflow / random crash of chronosync::Socket related to ndn::InMemoryStorage   |                  | 02/11/2018 07:46 PM |               |
| 4481 | mini-ndn    | Bug     | New         | Normal   | Investigate creating /ndn in user's home folder instead of /tmp  |                  | 01/30/2018 12:42 PM |               |
| 4408 | NFD         | Bug     | New         | Normal   | NFD throughput using large chunk is low  |                  | 01/22/2018 03:34 PM |               |

| #    | Project                 | Tracker | Status   | Priority | Subject  | Assignee        | Updated             | Tags |
|------|-------------------------|---------|----------|----------|--|-----------------|---------------------|------|
| 4375 | repo-ng                 | Bug     | New      | Normal   | Unrecognized 'registration-subset' option in 'tcp_bulk_insert' section in configuration file |                 | 11/06/2017 07:39 AM |      |
| 4356 | repo-ng                 | Bug     | New      | Normal   | Unrecognized 'registration-subset' option  |                 | 10/24/2017 11:17 AM |      |
| 4177 | NLSR                    | Bug     | Feedback | Normal   | Readvertise causes withdrawal of site prefix   | Nicholas Gordon | 12/31/2020 10:22 AM |      |
| 4165 | NFD                     | Bug     | New      | Normal   | autoconfig daemon mode: dampening mechanism may cause starvation                             |                 | 07/05/2017 11:04 PM |      |
| 4114 | mini-ndn                | Bug     | New      | Normal   | Minindndedit writes the same hostname for each node without any error                        |                 | 12/21/2017 04:32 PM |      |
| 4100 | ndn-cxx                 | Bug     | New      | Normal   | FaceUri::parse doesn't reject IPv4 addresses with v6 scheme (and vice versa)                 |                 | 08/28/2017 07:15 PM |      |
| 4061 | named-data.net          | Bug     | New      | Normal   | 500 error when pasting "Beer Mug Emoji"  |                 | 04/20/2017 10:59 AM |      |
| 3993 | mini-ndn                | Bug     | New      | Normal   | Older version of Mininet should not break execution  |                 | 03/13/2017 11:28 AM |      |
| 3902 | ndn-tools               | Bug     | New      | Normal   | ndncatchunks with AIMD pipeline randomly hangs after transfer is complete                    |                 | 10/07/2023 09:55 PM |      |
| 3897 | ndn-cxx                 | Bug     | New      | Normal   | FaceUri::canonize doesn't always validate the port number                                    |                 | 08/28/2017 07:15 PM |      |
| 3896 | ndn-cxx                 | Bug     | New      | Normal   | FaceUri::parse doesn't reject some invalid unix:// URIs                                      |                 | 08/28/2017 07:15 PM |      |
| 3889 | NFD                     | Bug     | New      | Normal   | Retransmission suppression is too aggressive   |                 | 08/25/2017 01:09 PM |      |
| 3885 | ChronoSync              | Bug     | New      | Normal   | processSyncInterest: Interest for new data getting satisfied by cached old data              | Sonu Mishra     | 12/11/2016 01:54 PM |      |
| 3803 | ndn-cxx                 | Bug     | New      | Normal   | Default-constructed Link is encoded with ContentType==BLOB if no delegation is added         |                 | 05/27/2022 03:47 AM |      |
| 3719 | ChronoChat              | Bug     | New      | Normal   | NfdConnectionChecker: does not process Nack  |                 | 08/04/2016 10:57 PM |      |
| 3718 | ChronoChat              | Bug     | New      | Normal   | ControllerBackend: does not process Nack   |                 | 08/04/2016 10:57 PM |      |
| 3717 | ChronoChat              | Bug     | New      | Normal   | ControllerBackend: does not process Nack   |                 | 08/04/2016 10:57 PM |      |
| 3710 | ndns                    | Bug     | New      | Normal   | NdnsUpdate: does not process Nack  |                 | 08/04/2016 10:41 PM |      |
| 3709 | ndns                    | Bug     | New      | Normal   | IterativeQueryController: does not process Nack  |                 | 08/04/2016 10:41 PM |      |
| 3688 | Consumer / Producer API | Bug     | New      | Normal   | Consumer Producer API not compiled   | Siraj Muhammad  | 07/29/2016 01:44 AM |      |
| 3656 | ndnSIM                  | Bug     | New      | Normal   | Python bindings enumeration for old-style content store                                      |                 | 05/08/2018 10:55 AM |      |
| 3557 | ndnSIM                  | Bug     | New      | Normal   | Problem in generating the graphs pdf files for ndnSIM-ddos-interest-flooding project         |                 | 11/10/2016 11:40 AM |      |
| 3555 | ndnrtc                  | Bug     | New      | Normal   | Fix "phantom user" in discovery list   | Zhehao Wang     | 03/16/2016 03:08 PM |      |
| 3473 | ndnrtc                  | Bug     | New      | Normal   | [NdnCon] chatroom message scroll position not preserved upon maximize                        |                 | 02/24/2016 03:16 PM |      |
| 3401 | NDN in the browser      | Bug     | Resolved | Normal   | Firefox extension is unsigned  |                 | 05/20/2023 06:21 AM |      |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee          | Updated             | Tags |
|------|----------|---------|-------------|----------|---|-------------------|---------------------|------|
| 3382 | NFD      | Bug     | New         | Normal   | nfd.conf.sample has face_system.unix section when compiled without Unix sockets support                             |                   | 06/11/2021 03:50 PM |      |
| 3326 | ndnSIM   | Bug     | New         | Normal   | ndn::tlv::Error (TLV length exceeds buffer length) when calling /localhost/nfd/faces/list without caching           |                   | 05/08/2018 10:55 AM |      |
| 3255 | NLSR     | Bug     | New         | Normal   | Node with old certs prevents neighbors from converging  |                   | 10/09/2015 08:19 AM |      |
| 3250 | ndnrtc   | Bug     | New         | Normal   | [NdnCon] crash after entering very long username  |                   | 10/08/2015 01:49 PM |      |
| 3247 | ndnrtc   | Bug     | New         | Normal   | [NdnCon] crash after stop publishing  |                   | 10/07/2015 03:09 PM |      |
| 3246 | ndnrtc   | Bug     | Resolved    | Normal   | [NdnCon] cannot quit from Dock during fetching  |                   | 10/31/2016 03:36 PM |      |
| 3245 | ndnrtc   | Bug     | New         | Normal   | [NdnCon] segfault after adding two threads with same names to an audio stream                                       |                   | 10/07/2015 01:43 PM |      |
| 3242 | ndnrtc   | Bug     | New         | Normal   | [NdnCon] fail to discover chatrooms with tpm-file   |                   | 10/07/2015 11:33 AM |      |
| 3219 | NFD      | Bug     | New         | Normal   | AccessStrategy measurements ineffective for NDN-RTC traffic   |                   | 07/06/2016 01:49 PM |      |
| 3215 | NFD      | Bug     | New         | Normal   | NFD crash with "open /dev/urandom operation failed" when reaching ulimit  |                   | 08/01/2016 02:56 PM |      |
| 3191 | ndn-sci  | Bug     | New         | Normal   | onQueryResultsInterest does not handle cache miss   | Chengyu Fan       | 09/08/2015 03:04 PM |      |
| 3190 | ndn-sci  | Bug     | New         | Normal   | catalog ID should be based off active signing key   | Chengyu Fan       | 09/08/2015 02:58 PM |      |
| 3188 | ndn-sci  | Bug     | New         | Normal   | catalog should not generate errors during database initialization   | Chengyu Fan       | 09/08/2015 11:06 AM |      |
| 3187 | ndn-sci  | Bug     | New         | Normal   | /ndn/broadcast strategy renamed to /ndn/multicast in NFD-0.3.4  | Chengyu Fan       | 09/08/2015 10:41 AM |      |
| 3186 | ndn-sci  | Bug     | New         | Normal   | catalog requires signingId to be explicitly set in configuration  | Chengyu Fan       | 09/08/2015 10:36 AM |      |
| 3185 | ndn-sci  | Bug     | New         | Normal   | onConfig does not validate configuration in dry perform dry run   | Chengyu Fan       | 09/08/2015 10:32 AM |      |
| 3184 | ndn-sci  | Bug     | New         | Normal   | default catalog configuration should use meaningful names   | Chengyu Fan       | 09/08/2015 10:20 AM |      |
| 3183 | ndn-sci  | Bug     | New         | Normal   | atoms-catalog crashes if user/password is incorrect   | Chengyu Fan       | 09/08/2015 10:00 AM |      |
| 3182 | ndn-sci  | Bug     | New         | Normal   | atoms-catalog crashes if database is not available  |                   | 09/08/2015 09:58 AM |      |
| 3181 | ndn-sci  | Bug     | New         | Normal   | atoms-catalog crashes if no configurations file available/specified   | Chengyu Fan       | 09/09/2015 07:34 PM |      |
| 3180 | ndn-sci  | Bug     | New         | Normal   | malformed help output   | Chengyu Fan       | 09/08/2015 09:52 AM |      |
| 3175 | ndnSIM   | Bug     | New         | Normal   | ImportError: No module named doxygen  |                   | 09/07/2015 12:22 PM |      |
| 3054 | mini-ndn | Bug     | New         | Normal   | In Mini-NDN hosts cannot reach non neighbors  |                   | 10/25/2016 08:14 AM |      |
| 3038 | mini-ndn | Bug     | Resolved    | Normal   | Xterm for node does not have home folder set  |                   | 05/04/2017 07:04 PM |      |
| 3035 | ndn-sci  | Bug     | In Progress | Normal   | catalog throws runtime errors   | Chengyu Fan       | 07/14/2015 02:05 PM |      |
| 2849 | ndnSIM   | Bug     | New         | Normal   | Correct license boilerplate to indicate correct license (with reference to LICENSE file in the root of the project) |                   | 08/01/2016 02:00 PM |      |
| 2824 | ndnSIM   | Bug     | New         | Normal   | Typo in documentation (git clone commands)  | Spyros Mastorakis | 08/21/2015 06:51 PM |      |
| 2813 | ndn-sci  | Bug     | New         | Normal   | client did not send query Interests   |                   | 06/12/2015 12:36 PM |      |
| 2797 | ndn-sci  | Bug     | New         | Normal   | Query result prefix is incorrect  |                   | 05/07/2015 09:37 AM |      |
| 2765 | ndnSIM   | Bug     | New         | Normal   | Incompatible licenses between ns-3 and ndnSIM   |                   | 04/22/2015 10:14 AM |      |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee       | Updated             | Tags             |
|------|--------------------|---------|-------------|----------|---|----------------|---------------------|------------------|
| 2740 | repo-ng            | Bug     | New         | Normal   | repo-ng fails to connect to the nfd when the database stores a large number of content segments |                | 04/10/2015 12:49 PM |                  |
| 2720 | ndn-cxx            | Bug     | New         | Normal   | Face::unsetInterestFilter is ineffective before registration completes                          |                | 06/30/2015 12:24 PM |                  |
| 2708 | ndnrtc             | Bug     | Resolved    | Normal   | [NdnCon] CPU load improvements  |                | 10/31/2016 03:32 PM |                  |
| 2675 | ndnrtc             | Bug     | New         | Normal   | [NdnCon] Live statistics on publisher   | Peter Gusev    | 03/23/2015 12:17 PM |                  |
| 2626 | NFD                | Bug     | New         | Normal   | CS lookup takes long time if Interest Name covers many entries                                  |                | 01/23/2018 11:23 PM |                  |
| 2592 | NFD                | Bug     | New         | Normal   | Ineffective duplicate suppression for satisfied Interest  |                | 06/30/2021 10:10 PM | DeadNonceList    |
| 2590 | ndns               | Bug     | New         | Normal   | NameServer/UpdateValidatorFetchCert incorrect usage of Signal                                   |                | 03/26/2015 12:59 PM |                  |
| 2485 | ChronoChat         | Bug     | New         | Normal   | All other participants "leaves room" when adjusting clock                                       |                | 02/06/2015 12:33 PM |                  |
| 2459 | NFD                | Bug     | New         | Normal   | ndn-autoconfig (daemon mode): non-deterministic timeouts for DNS resolution                     |                | 07/07/2017 01:54 AM |                  |
| 2446 | ndnSIM             | Bug     | New         | Normal   | ndn-test: segfault in ndn::time::system_clock::now() called by L3Protocol::initializeManagement |                | 08/05/2015 08:54 PM |                  |
| 2321 | repo-ng            | Bug     | New         | Normal   | Cannot ndnputfile with default configuration  |                | 12/28/2014 06:21 AM |                  |
| 2174 | NFD                | Bug     | New         | Normal   | Multiple register prefix gives NFD error "request timed out (code: 10060)"                      |                | 11/19/2014 07:07 AM |                  |
| 1966 | NFD                | Bug     | New         | Normal   | Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression      |                | 01/08/2021 10:37 AM |                  |
| 1844 | ndnrtc             | Bug     | New         | Normal   | Compilation in C++11 mode broken  | Peter Gusev    | 08/14/2014 10:42 PM |                  |
| 1785 | ndn-cxx            | Bug     | New         | Normal   | Face: transport is never paused after pushing Data  |                | 01/23/2018 11:19 PM |                  |
| 1047 | NDN-CCL            | Bug     | New         | Normal   | The removeRegisteredPrefix API should "unregister" from the forwarding daemon                   |                | 07/18/2017 03:51 PM |                  |
| 1017 | NDN in the browser | Bug     | New         | Normal   | Firefox add-on should try to reconnect if connection drops                                      |                | 05/20/2023 06:21 AM |                  |
| 1016 | NDN in the browser | Bug     | New         | Normal   | Firefox NDN toolbar should report if can't connect to a hub                                     |                | 05/20/2023 06:22 AM |                  |
| 1014 | NDN in the browser | Bug     | New         | Normal   | Address bar reverts to interest selector when leaving and returning to a tab                    |                | 05/20/2023 06:22 AM |                  |
| 5265 | NLSR               | Bug     | In Progress | Low      | Drop HELLO data freshness from unnecessarily high value   | Alexander Lane | 05/23/2023 05:05 PM |                  |
| 5263 | mini-ndn           | Bug     | Code review | Low      | Support floating point bandwidth in topology files  | Alexander Lane | 05/22/2023 11:57 PM |                  |
| 4859 | ndn-cxx            | Bug     | New         | Low      | libndn-cxx.pc installed in wrong location on FreeBSD  |                | 10/31/2023 11:57 PM | FreeBSD          |
| 4798 | ndn-tools          | Bug     | New         | Low      | Dump/TestNdnDump/MalformedIpv4Header fails on FreeBSD 11.2                                      |                | 10/31/2023 11:57 PM | FreeBSD          |
| 4654 | repo-ng            | Bug     | New         | Low      | Small typos in Repo Deletion Protocol Wiki Page   |                | 07/07/2018 08:17 AM |                  |
| 4531 | NFD                | Bug     | New         | Low      | NAME section is missing in HTML manpages  |                | 01/22/2023 10:19 PM |                  |
| 4499 | NFD                | Bug     | New         | Low      | Unbounded queuing in StreamTransport  |                | 08/26/2020 04:44 PM | needs-discussion |
| 4400 | NFD                | Bug     | New         | Low      | EthernetFactory should destroy unusable channels  |                | 10/07/2023 10:02 PM |                  |



| #    | Project    | Tracker | Status      | Priority | Subject   | Assignee             | Updated             | Tags               |
|------|------------|---------|-------------|----------|---|----------------------|---------------------|--------------------|
| 4210 | NFD        | Bug     | New         | Low      | Documentation is not mobile friendly  |                      | 10/07/2023 09:57 PM | documentation      |
| 4157 | ndn-cxx    | Bug     | New         | Low      | ndnsec-export: confusing error message when getpass is unavailable              |                      | 06/15/2021 06:28 PM |                    |
| 4115 | NFD        | Bug     | New         | Low      | FaceManager doesn't reject attempts to destroy "reserved" faces                 |                      | 02/03/2018 09:02 PM |                    |
| 3970 | NFD        | Bug     | New         | Low      | Improve face_system error message when a ProtocolFactory is disabled            |                      | 02/19/2017 09:18 AM |                    |
| 3677 | NFD        | Bug     | New         | Low      | nfdc status reports wrong uptime if system clock has been changed               |                      | 09/04/2017 02:18 AM |                    |
| 3244 | ndnrtc     | Bug     | New         | Low      | [NdnCon] media streams preference: FreshnessPeriod label displays incompletely  |                      | 10/07/2015 01:26 PM |                    |
| 2581 | NFD        | Bug     | New         | Low      | Detecting compiler support for -Wno-foo is unreliable                           |                      | 01/20/2024 12:24 AM | waf                |
| 2409 | ndn-cxx    | Bug     | New         | Low      | Headers check fails on FreeBSD  |                      | 10/31/2023 11:58 PM | FreeBSD            |
| 2406 | ndn-cxx    | Bug     | New         | Low      | Incorrect dependency calculation for version.hpp                                |                      | 12/01/2023 07:15 PM | waf                |
| 5028 | ndnSIM     | Feature | New         | Urgent   | Get the list of nodes and associated links inside fw/strategy.                  | Alex Afanasyev       | 10/14/2019 11:06 AM |                    |
| 3405 | ChronoChat | Feature | New         | Urgent   | nfd-android   |                      | 01/11/2016 10:47 AM |                    |
| 4988 | NDN-CCL    | Feature | New         | High     | Encode Interests to PacketFormat03  |                      | 10/04/2019 12:56 PM | Packet03Transition |
| 4696 | ndn-cxx    | Feature | New         | High     | SegmentPublisher: segmentation utility  |                      | 11/04/2022 08:50 PM | API                |
| 3767 | repo-ng    | Feature | New         | High     | Provide option to enable prefix caching behavior                                |                      | 09/07/2016 07:53 AM |                    |
| 3766 | repo-ng    | Feature | New         | High     | Enable external command to trigger prefix registration with local NFD           |                      | 06/08/2017 10:04 AM |                    |
| 2689 | ndnrtc     | Feature | Resolved    | High     | [NdnCon] Status for fetching audio streams.                                     |                      | 10/31/2016 03:30 PM |                    |
| 2687 | ndnrtc     | Feature | Resolved    | High     | [NdnCon] Make "Start publishing" function more obvious                          | Peter Gusev          | 10/31/2016 03:29 PM |                    |
| 2683 | ndnrtc     | Feature | New         | High     | [NdnCon] Edit media threads on-the-fly  |                      | 03/23/2015 12:43 PM |                    |
| 2682 | ndnrtc     | Feature | New         | High     | [NdnCon] Stream consuming indication  |                      | 03/23/2015 12:42 PM |                    |
| 2674 | ndnrtc     | Feature | New         | High     | [NdnCon] UX/UI design   |                      | 10/31/2016 03:33 PM |                    |
| 5318 | mini-ndn   | Feature | In Progress | Normal   | Move NFD/NLSR configuration modification to be executed internally via infoconv | Alexander Lane       | 04/10/2024 09:35 PM |                    |
| 5313 | ndn-cxx    | Feature | New         | Normal   | ValidatorConfig: specify signed Interest fields                                 |                      | 02/23/2024 07:26 PM | ValidatorConfig    |
| 5303 | ndn-cxx    | Feature | In Progress | Normal   | Dockerfile for ndn-cxx ecosystem  | Davide Pesavento     | 04/09/2024 09:27 PM | docker             |
| 5291 | ndn-cxx    | Feature | New         | Normal   | Deterministic ECDSA signing   |                      | 11/23/2023 07:58 PM | security, openssl  |
| 5288 | NFD        | Feature | New         | Normal   | DeadNonceList with hashtable buckets  |                      | 08/13/2023 10:14 PM | DeadNonceList      |
| 5278 | NFD        | Feature | Feedback    | Normal   | Delegate sending Nack-Duplicate to forwarding strategy                          | Mark Theeranantachai | 02/15/2024 05:45 PM |                    |
| 5277 | NFD        | Feature | In Progress | Normal   | Remove persistent faces   | Junxiao Shi          | 01/18/2024 02:09 AM |                    |
| 5264 | mini-ndn   | Feature | Code review | Normal   | Allow permanent faces in NDNRoutingHelper                                       | Alexander Lane       | 05/22/2023 11:35 PM |                    |

| #    | Project   | Tracker | Status      | Priority | Subject  | Assignee         | Updated             | Tags                |
|------|-----------|---------|-------------|----------|--|------------------|---------------------|---------------------|
| 5258 | NLSR      | Feature | New         | Normal   | Increase possible range of supported Hello interest intervals and related configurable values  |                  | 04/11/2023 04:20 PM |                     |
| 5257 | mGuard    | Feature | New         | Normal   | Initializing Requester Names via Controller Certs  | Adam Thieme      | 07/19/2023 09:49 PM |                     |
| 5252 | mini-ndn  | Feature | New         | Normal   | Allow scripts to define custom configuration options for NLSR and NFD                          | Dylan Hensley    | 02/14/2023 08:20 PM |                     |
| 5233 | mGuard    | Feature | New         | Normal   | Add wildcard support in both the name tree and in the parser                                   |                  | 08/02/2023 09:27 PM |                     |
| 5232 | mini-ndn  | Feature | New         | Normal   | Face creation via topology and enable users to run NLSR in Mini-NDN-Wifi                       | Alexander Lane   | 07/18/2022 05:32 PM |                     |
| 5227 | mGuard    | Feature | New         | Normal   | Move repo interactions to a separation thread  |                  | 06/27/2022 04:27 AM | repo, system        |
| 5219 | mGuard    | Feature | New         | Normal   | Support name prefix of data requesters in the policy   | Adam Thieme      | 08/19/2023 12:53 AM | Attribute Authority |
| 5209 | ndn-cxx   | Feature | New         | Normal   | Ed25519 signature type   |                  | 08/23/2023 11:50 PM | Ed25519, security   |
| 5207 | NFD       | Feature | New         | Normal   | autoconfig: allow NDN-FCH service over HTTPS   |                  | 03/05/2024 04:38 PM |                     |
| 5203 | ndns      | Feature | New         | Normal   | Accommodate certificate name in KeyLocator   |                  | 05/04/2022 01:59 PM |                     |
| 5182 | NFD       | Feature | New         | Normal   | Easier identification of the process at the other end of a UnixStream face                     | Davide Pesavento | 05/15/2022 03:01 PM |                     |
| 5177 | ndn-cxx   | Feature | New         | Normal   | Command interest replay detection by (timestamp, nonce)-tuples                                 |                  | 01/11/2022 05:43 PM | security            |
| 5175 | NFD       | Feature | New         | Normal   | Replace CityHash with a more modern hash function  |                  | 03/17/2022 11:07 AM |                     |
| 5166 | NFD       | Feature | New         | Normal   | Make DeadNonceList lifetime configurable   |                  | 08/13/2023 10:19 PM | DeadNonceList       |
| 5150 | NAC       | Feature | New         | Normal   | Implement access revocation  |                  | 08/28/2023 04:55 AM |                     |
| 5148 | ndn-cxx   | Feature | New         | Normal   | ValidatorConfig: multiple sig-type restrictions in a single checker                            |                  | 12/01/2023 08:41 PM | ValidatorConfig     |
| 5137 | PSync     | Feature | New         | Normal   | PartialSync: Consumer can schedule sending sync interest before the sync interest gets expired |                  | 01/02/2023 08:33 PM |                     |
| 5121 | ndn-cxx   | Feature | Code review | Normal   | Reserve and enforce restriction for /localhost/identity namespace                              | Alex Afanasyev   | 09/17/2022 03:05 PM |                     |
| 5120 | NFD       | Feature | In Progress | Normal   | Increase responsiveness of ASF strategy in mobile network scenarios                            | Alexander Lane   | 05/25/2023 07:39 PM | ASF                 |
| 5119 | ndn-tools | Feature | New         | Normal   | Mechanism to learn if a given name prefix is registered with a remote NFD                      |                  | 05/01/2022 04:41 PM | needs-discussion    |
| 5113 | ndn-cxx   | Feature | New         | Normal   | Override certificate name parts in KeyLocator  |                  | 04/17/2022 09:44 AM | security            |
| 5111 | ndn-cxx   | Feature | New         | Normal   | ndnsec export/import: include multiple certificates in SafeBag                                 |                  | 06/03/2020 09:54 AM | security            |

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