

## Issues

| #    | Project  | Tracker | Status | Priority  | Subject  | Assignee           | Updated             | Tags                    |
|------|----------|---------|--------|-----------|--|--------------------|---------------------|-------------------------|
| 4344 | ndns     | Task    | New    | High      | NsCache in IterativeQueryController Need to check FreshnessPeriod before using cached data |                    | 10/17/2017 06:53 AM |                         |
| 4803 | NLSR     | Task    | New    | Normal    | Abstract segment fetcher functionality in separate LSA fetcher class                       |                    | 05/31/2020 10:04 AM |                         |
| 3561 | ndn-cxx  | Task    | New    | Normal    | Add a FOO_MAX enumerator to all public enumerations  |                    | 06/29/2020 11:47 PM | API                     |
| 3193 | ndn-sci  | Task    | New    | Immediate | Add a metadata field in the Database   |                    | 09/09/2015 06:45 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 |                         |
| 3056 | mini-ndn | Task    | New    | Normal    | Add ability to specify name prefixes announced by NLSR on a node                           |                    | 07/17/2015 01:17 PM |                         |
| 3271 | mini-ndn | Task    | New    | Normal    | Add automatic testing of Mini-NDN patches on Gerrit  |                    | 12/21/2017 04:10 PM |                         |
| 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 |                         |
| 4801 | mini-ndn | Task    | New    | Normal    | Add documentation to show NLSR setup with switches in topology                             |                    | 01/07/2019 10:25 AM |                         |
| 4139 | NLSR     | Task    | New    | Normal    | Add explanation for the unit-tests   | Muktadir Chowdhury | 06/19/2017 10:40 AM |                         |
| 3057 | mini-ndn | Task    | New    | Normal    | Add framework to add user application configuration to GUI                                 |                    | 07/17/2015 01:20 PM |                         |
| 4899 | PSync    | Task    | New    | Normal    | Add guideline document for setting sync lifetime   |                    | 03/29/2019 02:04 PM |                         |
| 1516 | ndn-cxx  | Task    | New    | Normal    | Add howto/hands-on manual on creating certificates   |                    | 10/07/2023 09:15 PM | documentation, security |
| 3996 | NLSR     | Task    | New    | Normal    | Add Nack functionality (wherever needed) in expressInterestMethod()                        |                    | 01/02/2018 02:01 PM |                         |
| 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 |                         |
| 5259 | mGuard   | Task    | New    | Normal    | Add participant ID to semantic location lookup   | Adam Thieme        | 07/19/2023 09:43 PM |                         |
| 4138 | NLSR     | Task    | New    | Normal    | Add Prefix Update Processor section nlsr doc   |                    | 06/19/2017 10:37 AM |                         |
| 4880 | ndn-cxx  | Task    | New    | Normal    | Add randomness to exponential retry on Nack in CertificateFetcherFromNetwork               |                    | 02/12/2021 10:57 AM |                         |
| 4523 | repo-ng  | Task    | New    | Normal    | Add Sync support for repo  | weijia yuan        | 11/15/2018 02:29 PM |                         |
| 5294 | mGuard   | Task    | New    | Normal    | add time-based attributes to producer/publisher code                                       |                    | 08/31/2023 10:16 PM |                         |
| 3842 | NLSR     | Task    | New    | Normal    | Add timestamp information for LSAs in LSDB   |                    | 05/24/2017 03:54 PM |                         |
| 4561 | NLSR     | Task    | New    | Normal    | Add unit test for checking the published contents  |                    | 03/28/2018 03:13 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 |                         |
| 4976 | ndncert  | Task    | New    | Low       | Add unit tests for command line tools  |                    | 11/22/2021 11:57 PM |                         |
| 3994 | ndncert  | Task    | New    | Normal    | Add validator instance for each CA   |                    | 03/13/2017 12:47 PM |                         |
| 2789 | mini-ndn | Task    | New    | Normal    | Add verification test for minindn  |                    | 05/05/2015 02:06 PM |                         |
| 4142 | ndnSIM   | Task    | New    | High      | Addition of a new field to interest and data packet  | Alex Afanasyev     | 05/08/2018 10:48 AM |                         |

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|------|------------------|---------|-------------|----------|---|------------------|---------------------|--|
| 3082 | NLSR             | Task    | Code review | Normal   | Allow configuration file to be reloaded while NLSR is running                 | Saurab Dulal     | 12/29/2020 06:56 PM |  |
| 5208 | mini-ndn         | Task    | New         | Normal   | Allow for batch processing of Nfdc face creation                              |                  | 05/24/2022 12:11 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                           |
| 4986 | npchat           | Task    | New         | Normal   | Allow User to Choose Whether or Fetch Old Files from New Friend               |                  | 08/29/2019 08:10 AM |  |
| 2958 | NLSR             | Task    | New         | Normal   | Allow user to request NLSR statistics using NLSRC                             | Saurab Dulal     | 12/29/2020 06:54 PM |  |
| 3261 | NFD              | Task    | New         | Normal   | App-developer oriented docs summarizing autoconfiguration steps               |                  | 10/07/2023 09:40 PM | documentation                          |
| 5295 | mGuard           | Task    | New         | Normal   | Application needs to be able to configure time granularity                    |                  | 08/31/2023 10:17 PM |  |
| 4320 | ndnSIM           | Task    | New         | Normal   | assign custom colors, description on NDN based nodes                          |                  | 05/08/2018 10:50 AM |  |
| 3867 | ndn-tools        | Task    | New         | Normal   | autoconfig: move from NFD repository  | Davide Pesavento | 02/17/2019 03:58 PM |  |
| 5314 | mini-ndn         | Task    | New         | Normal   | Automatically install utilities needed for doc generation in NDN dependencies | Alexander Lane   | 04/02/2024 06:20 PM |  |
| 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 |
| 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 |  |
| 5170 | mini-ndn         | Task    | New         | Normal   | Avoid using default topologies  |                  | 06/10/2021 10:42 AM |  |
| 2770 | ndn-sci          | Task    | In Progress | Normal   | base catalog version on ChronoSync  | Chengyu Fan      | 10/14/2015 01:16 PM |  |
| 5228 | mGuard           | Task    | In Progress | Normal   | Benchmark repo with different DBs   | Suravi Regmi     | 08/02/2023 09:33 PM | repo, system                           |
| 4493 | ICE-AR Prototype | Task    | New         | High     | BLE agent for NFD-android   | Edward Lu        | 02/08/2018 09:59 AM | CS217                                  |
| 5191 | mGuard           | Task    | In Progress | Normal   | Bootstrapping, namespace and certificate management                           | Tianyuan Yu      | 07/26/2023 09:38 PM | certificate                            |
| 1973 | NFD              | Task    | New         | Normal   | Build tarball and upload to website   |                  | 11/04/2019 02:56 PM |  |
| 5296 | mGuard           | Task    | New         | Normal   | bundle datapoints based on attributes   |                  | 08/31/2023 10:18 PM |  |
| 3094 | ndn-sci          | Task    | New         | Normal   | calculate the payload limit based on the configuration                        | Chengyu Fan      | 08/11/2015 01:14 PM |  |
| 4374 | repo-ng          | Task    | New         | High     | Can't insert segmented data   |                  | 11/01/2017 09:33 AM |  |
| 5302 | mGuard           | Task    | New         | Normal   | Change all timestamps to unix time  | Adam Thieme      | 11/21/2023 09:59 PM |  |
| 5260 | mGuard           | Task    | New         | Normal   | change semantic location lookup in database to return only one location       | Adam Thieme      | 07/19/2023 09:42 PM |  |
| 5301 | mGuard           | Task    | New         | Normal   | Change semantic location window to formatted timestamp                        | Adam Thieme      | 11/21/2023 09:57 PM |  |
| 5274 | mGuard           | Task    | In Progress | Normal   | Clean Git Repository  | Adam Thieme      | 08/10/2023 10:58 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 |  |
| 1858 | repo-ng          | Task    | New         | Normal   | Client library to handle repo-ng  |                  | 08/29/2014 12:29 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                           |
| 2263 | ndn-cxx          | Task    | New         | Normal   | code-style: Doxygen syntax  |                  | 02/21/2019 09:17 AM |  |

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|------|-------------------------|---------|-------------|----------|--|--------------------|---------------------|-------------------------------------|
| 2529 | ndn-cxx                 | Task    | New         | Low      | code-style: line continuation  |                    | 05/27/2022 12:04 AM |                                     |
| 2614 | ndn-cxx                 | Task    | New         | Normal   | code-style: line width   |                    | 01/23/2018 09:51 PM |                                     |
| 2455 | ndn-cxx                 | Task    | New         | Normal   | code-style: noncopyable  |                    | 01/23/2018 09:51 PM |                                     |
| 3457 | NFD-android             | Task    | New         | Normal   | Collect and notify apps about routable prefixes                                |                    | 02/13/2019 12:48 PM |                                     |
| 2943 | mini-ndn                | Task    | New         | Normal   | Collect statistics during experiment   |                    | 09/13/2020 11:35 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 |                                     |
| 1498 | repo-ng                 | Task    | New         | Normal   | Command-line tool to print out names of stored data                            |                    | 04/28/2014 10:07 AM |                                     |
| 2000 | NFD                     | Task    | New         | Normal   | Composable strategy building blocks  |                    | 04/28/2020 10:15 PM |                                     |
| 2942 | mini-ndn                | Task    | New         | High     | Configure experiment parameters using configuration file                       |                    | 09/13/2020 11:34 AM |                                     |
| 4936 | npchat                  | Task    | New         | Normal   | Connect to NDN Testbed   | Jeremy Clark       | 05/21/2019 09:09 AM |                                     |
| 5019 | npchat                  | Task    | New         | Normal   | Consider How to Share User Activity Status                                     |                    | 10/10/2019 02:22 PM |                                     |
| 4795 | Consumer / Producer API | Task    | New         | High     | Consumer/Producer API Build Failure  |                    | 12/18/2018 01:36 AM | Consumer Producer API, build, error |
| 3807 | NFD                     | Task    | New         | Normal   | Content store profiling  |                    | 10/07/2023 09:51 PM |                                     |
| 2902 | ndn-sci                 | Task    | New         | High     | Create a website for ndn-atmos   | Tyler Scott        | 06/17/2015 09:35 AM |                                     |
| 3901 | NDN Control Center      | Task    | New         | Normal   | Create bash-completion script for `ndn` command                                |                    | 12/23/2016 07:23 PM |                                     |
| 2557 | ndnSIM                  | Task    | New         | Normal   | Create examples using UDP faces.   |                    | 05/08/2018 10:52 AM |                                     |
| 4956 | npchat                  | Task    | New         | Normal   | Create Groups  | Jeremy Clark       | 07/03/2019 01:18 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 |                                     |
| 2894 | ndn-sci                 | Task    | New         | Normal   | Create NDN topology on the testbed   |                    | 06/12/2015 02:09 PM |                                     |
| 5290 | mGuard                  | Task    | New         | Normal   | create valid trust schema for testbed experiments                              |                    | 08/19/2023 12:58 AM |                                     |
| 1783 | repo-ng                 | Task    | New         | Normal   | create wiki about access control   | Weiqi Shi          | 07/24/2014 11:07 AM |                                     |
| 2064 | ndn-cxx                 | Task    | New         | Normal   | Declare environment for integrated tests                                       |                    | 10/14/2014 09:25 AM |                                     |
| 3516 | ndnrtc                  | Task    | New         | Normal   | Decrease conversational latency perceived by users                             | Peter Gusev        | 03/07/2016 09:15 AM |                                     |
| 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 |                                     |
| 2917 | ndn-sci                 | Task    | New         | Normal   | Define AND, OR and NOT language for discovery                                  |                    | 06/17/2015 01:08 PM |                                     |
| 2886 | ndn-sci                 | Task    | New         | High     | Define publication protocol  | susmit shannigrahi | 06/12/2015 11:14 AM |                                     |
| 1477 | repo-ng                 | Task    | New         | Normal   | Deletion of segmented data without EndBlockId                                  |                    | 04/14/2014 09:21 AM |                                     |
| 1478 | repo-ng                 | Task    | New         | Normal   | Deletion progress check  |                    | 04/28/2014 10:08 AM |                                     |
| 2775 | ndn-sci                 | Task    | New         | Normal   | Design an improved query search result UI                                      |                    | 04/27/2015 09:07 AM |                                     |
| 4461 | ICE-AR Prototype        | Task    | New         | Normal   | Design and configure three-site testbed  | Yanbiao Li         | 01/18/2018 01:25 PM |                                     |

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|------|------------------|---------|-------------|----------|---|--------------------|---------------------|---------------|
| 3254 | NLSR             | Task    | New         | Normal   | Design automated key rollover process   | Muktadir Chowdhury | 12/29/2020 06:56 PM |               |
| 3053 | mini-ndn         | Task    | New         | High     | Design automatic integration test triggering by Jenkins                                       |                    | 09/15/2015 12:03 PM |               |
| 2952 | NLSR             | Task    | New         | Normal   | Design broadcast link Hello protocol  |                    | 01/02/2018 01:07 PM |               |
| 4269 | NLSR             | Task    | New         | Normal   | Design common TLV system.   |                    | 09/05/2017 01:50 PM |               |
| 2773 | ndn-sci          | Task    | New         | Normal   | Design metadata searches  |                    | 04/27/2015 09:04 AM |               |
| 2774 | ndn-sci          | Task    | New         | Normal   | Design minimal search language  |                    | 04/27/2015 09:05 AM |               |
| 3476 | NFD              | Task    | New         | Normal   | Design NFD instrumentation  |                    | 03/15/2019 11:17 AM |               |
| 2959 | NLSR             | Task    | New         | Normal   | Design NLSR statistics dataset  | Saurab Dulal       | 12/29/2020 06:55 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 |               |
| 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 |               |
| 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 |               |
| 4457 | ICE-AR Prototype | Task    | New         | Normal   | develop repo-sync for content publishing and retrieval  | Haitao Zhang       | 01/21/2018 10:06 PM | CS217         |
| 4141 | mini-ndn         | Task    | In Progress | Normal   | Develop some experiment/examples with common client libraries                                 | Damian Coomes      | 09/13/2020 11:54 AM |               |
| 5287 | mGuard           | Task    | New         | Normal   | Developer Guide   |                    | 08/09/2023 10:09 PM |               |
| 4993 | npchat           | Task    | New         | Normal   | Display Information About Friendship Process On Screen  |                    | 09/02/2019 08:14 AM |               |
| 2945 | mini-ndn         | Task    | New         | Normal   | Display statistics during collection  |                    | 09/13/2020 11:49 AM |               |
| 5067 | PSync            | Task    | New         | Normal   | Do not serve discovery hello/sync Interest from publisher cache                               |                    | 01/02/2023 08:36 PM |               |
| 3595 | NLSR             | Task    | New         | Normal   | Document certificate generation process   | Muktadir Chowdhury | 12/29/2020 06:57 PM | cri-yearone   |
| 3482 | NFD              | Task    | New         | Normal   | Document expected packet processing performance   |                    | 10/07/2023 09:47 PM | documentation |
| 5094 | mini-ndn         | Task    | New         | Normal   | Document mini-ndn topologies  |                    | 03/18/2020 08:36 AM |               |
| 2616 | ndn-sci          | Task    | New         | Normal   | Document trust model  |                    | 03/03/2015 05:51 PM |               |
| 5284 | mGuard           | Task    | New         | Normal   | Documentation Updates   |                    | 08/21/2023 06:26 PM |               |
| 3320 | repo-ng          | Task    | New         | High     | Downloading with a different piplines   | inchan hwang       | 11/05/2015 03:55 AM |               |
| 4953 | npchat           | Task    | New         | Normal   | Dynamically Load Large File Data  | Jeremy Clark       | 06/07/2019 02:51 PM |               |
| 3095 | ndn-sci          | Task    | New         | Normal   | Enable multi-threads publication  |                    | 08/11/2015 01:27 PM |               |
| 5255 | mGuard           | Task    | New         | High     | Encrypt data using all possible contextual attributes   | Saurab Dulal       | 07/19/2023 09:57 PM |               |
| 5305 | PSync            | Task    | New         | Normal   | Enhance HELLO protol to notify consumers of new prefixes when they are added                  |                    | 12/21/2023 06:21 PM |               |
| 3369 | NFD              | Task    | New         | Normal   | EthernetTransport: test suite improvement   |                    | 11/07/2018 10:28 PM | unit-tests    |
| 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 |               |
| 5281 | mGuard           | Task    | New         | Normal   | Example Consumer Updates  |                    | 08/09/2023 10:02 PM |               |

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|------|-------------------------|---------|-------------|----------|---|--------------------|---------------------|------------------|
| 1829 | repo-ng                 | Task    | New         | Normal   | Example producer to help testing / guide development application for watch protocol             |                    | 08/06/2014 01:38 PM |                  |
| 4040 | ndnSIM                  | Task    | New         | Normal   | Example WiFi scenarios should disable NACK generation   | Spyros Mastorakis  | 05/08/2018 10:56 AM |                  |
| 3101 | ndn-cxx                 | Task    | New         | Normal   | Exception safety of Face::onReceiveElement  |                    | 08/31/2015 11:10 AM |                  |
| 4042 | ndncert                 | Task    | New         | Normal   | Expand scope of PROBE to support more than namespace assignment                                 |                    | 06/02/2022 02:32 PM |                  |
| 3475 | NDN Specifications      | Task    | New         | Normal   | Explore approach to packet prioritization   | Jeff Burke         | 08/26/2020 04:46 PM | needs-discussion |
| 4494 | ICE-AR Prototype        | Task    | New         | Normal   | explore the use of RxAdnroidBLE for beaconing   |                    | 02/08/2018 09:54 AM |                  |
| 1965 | ndns                    | Task    | In Progress | Normal   | Extend documentation  | Shock Jiang        | 11/26/2014 12:24 AM |                  |
| 2623 | NFD-android             | Task    | New         | Normal   | Extend log output settings  |                    | 02/13/2019 12:47 PM |                  |
| 3567 | NFD                     | Task    | Feedback    | Normal   | Face system benchmark   |                    | 10/07/2023 09:50 PM |                  |
| 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       |
| 3377 | NFD                     | Task    | In Progress | Low      | FaceManager: test suite improvement   |                    | 11/04/2022 08:59 PM | unit-tests       |
| 5317 | mGuard                  | Task    | New         | Normal   | Facilitate New Users/Policies   |                    | 04/05/2024 09:33 PM |                  |
| 4619 | mini-ndn                | Task    | New         | Normal   | Factor mininet into import calls  |                    | 05/23/2018 12:02 PM |                  |
| 5226 | mGuard                  | Task    | New         | Normal   | Fetch data from real MD2K server  |                    | 06/27/2022 04:27 AM | system           |
| 2538 | ndnSIM                  | Task    | New         | Normal   | Figure out whether there are memory leaks in ndnSIM.  |                    | 05/08/2018 10:52 AM |                  |
| 3775 | NFD-android             | Task    | New         | Normal   | Fix hard-coded private keys for prefix registrations with local NFD                             |                    | 09/11/2016 01:49 PM |                  |
| 5261 | mGuard                  | Task    | New         | Normal   | fix identity-management-fixture   | Adam Thieme        | 08/19/2023 12:46 AM |                  |
| 2821 | ndn-sci                 | Task    | New         | Normal   | Fix output format for the translator  | susmit shannigrahi | 05/15/2015 09:59 AM |                  |
| 4938 | npchat                  | Task    | New         | Normal   | Fix Share File Button   | Jeremy Clark       | 05/21/2019 09:13 AM |                  |
| 5306 | mGuard                  | Task    | New         | Normal   | Fix Waf Scripts   | Adam Thieme        | 01/24/2024 04:08 AM |                  |
| 3001 | ndn-sci                 | Task    | New         | Normal   | Frontend doesn't work with Chrome   |                    | 06/30/2015 01:57 PM |                  |
| 4987 | PSync                   | Task    | New         | Normal   | Full consumer in PSync  |                    | 08/29/2019 11:20 AM |                  |
| 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 |                  |
| 4867 | PSync                   | Task    | New         | Normal   | FullSync: Investigate sending positive set difference during recovery instead of entire dataset |                    | 01/02/2023 08:35 PM |                  |
| 4348 | ndncert                 | Task    | New         | Normal   | Get rid of the long term storage assumption from NDN CERT CA design                             |                    | 03/15/2018 03:02 AM |                  |
| 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 |                  |
| 3593 | NLSR                    | Task    | New         | Normal   | Handle old state in Sync digest tree  |                    | 06/19/2017 01:05 PM |                  |
| 4597 | Consumer / Producer API | Task    | New         | Normal   | Howto fix it ?  |                    | 04/29/2018 06:46 AM |                  |

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| 4911 | PSync              | Task    | In Progress | Low      | IBLT::listEntries should initially clear the result sets                              | Junxiao Shi        | 01/19/2024 12:50 PM |               |
| 2666 | NFD-android        | Task    | New         | Normal   | Icons for navigation drawer items   |                    | 02/13/2019 12:47 PM |               |
| 3890 | NDN Control Center | Task    | New         | Normal   | Identity management module  |                    | 12/14/2016 12:59 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 |               |
| 2208 | ndn-cxx            | Task    | New         | Normal   | Implement "Listening" TCP/UDP transport   |                    | 11/21/2014 01:49 PM |               |
| 4459 | ICE-AR Prototype   | Task    | New         | Normal   | Implement and deploy authentication and access control using NMSU design              |                    | 01/11/2018 09:03 PM |               |
| 2953 | NLSR               | Task    | New         | Normal   | Implement broadcast link Hello protocol   |                    | 01/02/2018 01:16 PM |               |
| 4271 | NLSR               | Task    | New         | Normal   | Implement common TLV system.  |                    | 09/05/2017 01:50 PM |               |
| 2887 | ndn-sci            | Task    | In Progress | Normal   | Implement Publish Agent and Adapter   | susmit shannigrahi | 07/14/2015 02:16 PM |               |
| 2957 | NLSR               | Task    | In Progress | Normal   | Implement Statistics publisher  | Damian Coomes      | 12/29/2020 06:54 PM |               |
| 2772 | ndn-sci            | Task    | New         | Normal   | Implement union search  |                    | 04/27/2015 09:02 AM |               |
| 5238 | mGuard             | Task    | In Progress | Normal   | Implement Unsubscribe feature   | Saurab Dulal       | 07/12/2023 09:55 PM |               |
| 4272 | NLSR               | Task    | New         | Normal   | Implement validation of the interest from remote router and local host                |                    | 09/06/2017 08:09 AM |               |
| 4882 | ndn-cxx            | Task    | New         | Normal   | Improve "NDN Regular Expression" documentation  |                    | 02/20/2024 02:54 AM | documentation |
| 4472 | NLSR               | Task    | In Progress | Normal   | Improve const-ness in codebase.   | Ryan Wickman       | 05/31/2020 10:06 AM |               |
| 3325 | NFD                | Task    | In Progress | Normal   | Improve FaceDataset and GeneralStatusDataset tests                                    |                    | 11/04/2022 08:58 PM | unit-tests    |
| 5312 | PSync              | Task    | New         | Normal   | Improve handling of stale sync data/"no new update"                                   |                    | 02/12/2024 09:02 PM |               |
| 4353 | NLSR               | Task    | In Progress | Normal   | Improve LSA class hierarchy and related methods.                                      |                    | 11/03/2017 01:27 PM |               |
| 4996 | npchat             | Task    | New         | Normal   | Improve Multicast Discovery   |                    | 09/02/2019 08:55 AM |               |
| 4715 | NAC                | Task    | New         | Normal   | In addMember, limit the secret bytes to 1 through 127                                 |                    | 08/17/2018 04:59 PM |               |
| 4458 | ICE-AR Prototype   | Task    | New         | Normal   | Incorporate bluetooth beacon reading into NFD-android                                 | Yanbiao Li         | 02/08/2018 09:50 AM |               |
| 4043 | ndncert            | Task    | New         | Normal   | Infinite size issue of CA's storage   |                    | 04/11/2017 03:21 PM |               |
| 4822 | PSync              | Task    | Resolved    | Normal   | Investigate (PartialProducer + Consumer) as a replacement of FullProducer             |                    | 01/30/2019 02:26 PM |               |
| 3055 | mini-ndn           | Task    | New         | Normal   | Investigate feasibility of integration tests which require Ethernet Face support      |                    | 07/17/2015 12:43 PM |               |
| 4069 | mini-ndn           | Task    | New         | Normal   | Investigate Mini-NDN topology link setup  |                    | 12/21/2017 04:07 PM |               |
| 3051 | mini-ndn           | Task    | Code review | High     | Investigate Mininet's per-host private directories feature for NFD socket file        | Damian Coomes      | 09/13/2020 11:55 AM |               |
| 5141 | NFD                | Task    | New         | Low      | Investigate new clang PCH flags   |                    | 12/01/2023 07:15 PM | waf           |
| 4381 | mini-ndn           | Task    | In Progress | Normal   | Investigate porting NFD integration tests to Mini-NDN environment                     | Alexander Lane     | 12/04/2018 06:05 AM |               |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee       | Updated             | Tags   |
|------|--------------------|---------|-------------|----------|--|----------------|---------------------|--|
| 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  |
| 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 |  |
| 4995 | npchat             | Task    | New         | Normal   | Investigate University Network Support   |                | 09/02/2019 08:54 AM |  |
| 3862 | NFD                | Task    | New         | Normal   | Investigate unordered CS   |                | 12/04/2018 11:42 PM |  |
| 2726 | ndn-sci            | Task    | New         | Normal   | Load repos with CMIP5 data   | Chengyu Fan    | 04/15/2015 09:18 PM |  |
| 4850 | PSync              | Task    | New         | Normal   | Look into providing a lower layer service for syncing arbitrary names  |                | 02/20/2019 11:32 AM |  |
| 4794 | PSync              | Task    | New         | Normal   | Look into using ApplicationParameters instead of Name for the IBF  |                | 01/09/2022 12:41 PM |  |
| 4308 | mini-ndn           | Task    | New         | Normal   | Look into using docker/docker containers   |                | 01/14/2022 09:41 PM |  |
| 4659 | PSync              | Task    | Code review | Normal   | Look into using newer and better hash function   | Junxiao Shi    | 01/02/2023 08:35 PM |  |
| 3830 | NFD                | Task    | New         | Normal   | Make ASF strategy tests predictable  |                | 02/02/2024 11:15 PM | ASF, unit-tests                                    |
| 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 |  |
| 4385 | mini-ndn           | Task    | Code review | Normal   | Make NLSR logs available online when the bot fails   | Alexander Lane | 05/30/2018 12:49 PM |  |
| 4371 | ndnSIM             | Task    | New         | Normal   | Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx)   |                | 05/08/2018 10:49 AM |  |
| 4539 | NFD                | Task    | New         | Normal   | Management: collect all TLV-TYPE number assignments on the same page   |                | 08/27/2019 08:39 PM |  |
| 3526 | ndnrtc             | Task    | Resolved    | Normal   | March 10 NDN-RTC test  | Peter Gusev    | 10/31/2016 04:02 PM |  |
| 3611 | NDN in the browser | Task    | New         | Normal   | Micro Forwarder README   |                | 05/20/2023 06:22 AM |  |
| 3584 | NDN in the browser | Task    | New         | Normal   | Micro Forwarder: Update the Hackathon page   |                | 04/01/2016 04:14 PM |  |
| 4972 | NFD                | Task    | New         | Normal   | Migrate WebSocket face to Boost.Beast  |                | 07/27/2019 12:11 PM |  |
| 4952 | mini-ndn           | Task    | New         | High     | Minindn nodes have no their separated namespaces   |                | 06/08/2019 11:16 AM | minindn-simulator, environment variable, namespace |
| 2771 | ndn-sci            | Task    | New         | Normal   | mock "union" search capability   |                | 04/27/2015 09:02 AM |  |
| 5293 | mGuard             | Task    | New         | Normal   | Modify data generator to be configurable via command line  | Adam Thieme    | 09/14/2023 09:48 PM |  |
| 5253 | mGuard             | Task    | New         | Normal   | Modularize mGuard pub-sub API  | Saurab Dulal   | 03/29/2023 06:46 PM |  |
| 2918 | ndn-sci            | Task    | New         | Normal   | Move autocomplete to the backend   |                | 06/17/2015 01:11 PM |  |
| 4106 | NLSR               | Task    | New         | Low      | Move clobbering-check from Fib::update to Fib::scheduleEntryRefresh  |                | 12/29/2020 06:58 PM |  |
| 4613 | mini-ndn           | Task    | New         | Normal   | Move from scripting NFDC to directly interfacing with NFD Management   |                | 05/18/2018 10:42 AM |  |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee       | Updated             | Tags         |
|------|--------------------|---------|-------------|----------|--|----------------|---------------------|--------------|
| 4839 | NLSR               | Task    | New         | Normal   | Move setInfoInterestFilter and setLsaInterestFilter to their respective classes                      | Saurab Dulal   | 12/29/2020 07:00 PM |              |
| 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 |              |
| 4022 | ndnSIM             | Task    | New         | Normal   | multicast strategy does not work in AnnotatedTopologyReader  | Alex Afanasyev | 05/08/2018 10:48 AM |              |
| 4486 | ndn-sci            | Task    | New         | Normal   | NDN Performance evaluation for scientific data - request for comments                                |                | 02/02/2018 03:04 PM |              |
| 3422 | NDN in the browser | Task    | New         | Normal   | ndn protocol add-on: Rewrite deprecated XPCOM and XUL  |                | 05/20/2023 06:21 AM |              |
| 4637 | ndn-tools          | Task    | New         | Normal   | ndncatchunks: use SegmentFetcher   |                | 06/07/2020 10:31 AM | code-cleanup |
| 1779 | repo-ng            | Task    | New         | Normal   | ndndumpfile: local dump tool   |                | 07/18/2014 10:41 PM |              |
| 3304 | repo-ng            | Task    | New         | Normal   | ndnputfile ERROR: check response timeout   |                | 11/03/2015 05:08 AM |              |
| 5174 | mini-ndn           | Task    | New         | Normal   | ndnRoutingHelper: Use nfdc batch command to install route  |                | 06/24/2021 03:12 PM |              |
| 5088 | ndnrtc             | Task    | New         | High     | NDNRTC support on Ubuntu 18.04   |                | 03/04/2020 12:44 PM |              |
| 2701 | ndns               | Task    | Code review | Normal   | ndns-add-rr enables special handling for self-signed KSK   | Jiewen Tan     | 04/15/2015 10:10 PM |              |
| 2228 | ndns               | Task    | Code review | Normal   | ndns-add-rr: Report status of the command  | Jiewen Tan     | 03/26/2015 12:41 AM |              |
| 5101 | NDNSD              | Task    | New         | Normal   | NDNSD Design   |                | 04/13/2020 09:13 PM |              |
| 2693 | ndn-sci            | Task    | New         | Normal   | Need to discuss journal paper  |                | 03/24/2015 01:30 PM |              |
| 5099 | NDN-CCL            | Task    | New         | Normal   | NFD socket file moved to /run/nfd.sock on Linux  |                | 04/08/2020 11:44 AM |              |
| 4492 | NFD                | Task    | New         | Normal   | nfdc XML report and nfd-status-http-server test case   |                | 01/14/2022 09:33 PM | unit-tests   |
| 5132 | mini-ndn           | Task    | New         | Normal   | NLSR convergence time  |                | 03/30/2022 02:49 PM |              |
| 4372 | NLSR               | Task    | Feedback    | Normal   | NLSR should be compatible with ndnSIM.   |                | 04/10/2019 09:49 AM |              |
| 3937 | NLSR               | Task    | New         | Normal   | NLSR should react to Face event notifications  | Saurab Dulal   | 12/29/2020 06:57 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 |              |
| 2503 | NFD                | Task    | New         | Low      | Optimize usage of steady_clock::now()  |                | 02/23/2015 09:12 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 |              |
| 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 |              |
| 2554 | NFD-android        | Task    | New         | Normal   | PIB service  |                | 02/13/2019 12:47 PM |              |
| 2794 | ndn-tools          | Task    | New         | Low      | ping: improve the accuracy of stddev computation   |                | 05/07/2015 11:00 AM |              |
| 2435 | NFD-android        | Task    | New         | Normal   | PIT/FIB/RIB state snapshot and restore from snapshots  |                | 02/13/2019 12:47 PM |              |
| 4655 | NDN-CCL            | Task    | In Progress | Normal   | Port new name-based access control library   |                | 11/07/2018 12:05 PM |              |
| 2371 | ndnSIM             | Task    | New         | Normal   | Port TcpFace and UdpFace to the new code base  |                | 02/01/2016 06:04 PM |              |
| 3549 | ndnrtc             | Task    | Resolved    | Normal   | Prep for March 16 seminar  | Peter Gusev    | 10/31/2016 03:52 PM |              |



| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee        | Updated             | Tags              |
|------|--------------------|---------|-------------|----------|---|-----------------|---------------------|-------------------|
| 3485 | ndnrtc             | Task    | Resolved    | Normal   | Prep for March 2 seminar with NDN-RTC   | Peter Gusev     | 10/31/2016 04:04 PM |                   |
| 3096 | ndn-sci            | Task    | New         | Normal   | producer should be able to publish dataset names using multiple data packet           |                 | 08/11/2015 01:30 PM |                   |
| 4963 | npchat             | Task    | New         | Normal   | Properly handle receiving multiple images from the same friend                        |                 | 06/30/2019 10:46 AM |                   |
| 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     |
| 2885 | ndn-sci            | Task    | New         | Normal   | Publication data packets schema   |                 | 06/12/2015 09:50 AM |                   |
| 2539 | ChronoChat         | Task    | New         | Normal   | Re-license code to GPL 3+   |                 | 12/26/2020 07:37 PM |                   |
| 2540 | ChronoSync         | Task    | New         | Normal   | Re-license code to LGPL 3+  | Yingdi Yu       | 01/18/2021 02:11 AM |                   |
| 3413 | NLSR               | Task    | New         | Normal   | Reattempt LSA fetch based on SegmentFetcher failure specific error codes              |                 | 01/14/2016 01:35 PM |                   |
| 4127 | NLSR               | Task    | In Progress | Normal   | Rebuild the LSDB  | Ashlesh Gawande | 01/31/2021 09:34 AM |                   |
| 1204 | ndn-cxx            | Task    | New         | Low      | Redesign of signing process / Per-instance signing keys                               |                 | 11/18/2014 09:59 PM |                   |
| 5241 | ndn-cxx            | Task    | New         | Normal   | Redesign support for HMAC keys  |                 | 08/24/2023 08:00 PM | security, openssl |
| 4373 | NLSR               | Task    | New         | Normal   | Refactor ndnSIM port to use the NLSR statistics system.                               |                 | 10/31/2017 01:35 PM |                   |
| 3905 | ndns               | Task    | New         | Normal   | Refactory ndns-update and ndns-add-rr   |                 | 12/30/2016 02:56 PM |                   |
| 2732 | NLSR               | Task    | New         | Normal   | Refresh Name prefixes when receiving an update Name LSA                               | Saurab Dulal    | 12/29/2020 06:53 PM |                   |
| 4991 | npchat             | Task    | New         | Normal   | Register One Route Instead of Multiple  |                 | 08/30/2019 01:37 PM |                   |
| 4608 | ndnSIM             | Task    | New         | Normal   | Remove "old" content store  |                 | 05/08/2018 11:56 AM |                   |
| 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 |                   |
| 3224 | ChronoSync         | Task    | New         | Normal   | Renaming common.hpp to common-chronosync.hpp  |                 | 09/23/2015 04:28 PM |                   |
| 4109 | NLSR               | Task    | Code review | Normal   | Replace NextHopList with a better container   | Laqin Fan       | 12/29/2020 06:58 PM |                   |
| 1447 | NFD                | Task    | New         | Normal   | Replace std::list with std::unordered_map for similar Interests in NameTree entry     |                 | 11/04/2019 02:55 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 |                   |
| 1695 | repo-ng            | Task    | In Progress | Normal   | Repo-ng slowdown for large repo sizes   |                 | 08/11/2014 08:16 AM |                   |
| 1809 | repo-ng            | Task    | New         | Normal   | RepoSync  |                 | 07/19/2016 01:36 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 |                   |
| 1293 | NFD                | Task    | New         | Normal   | Reserve buffer space when receiving packets on all faces                              |                 | 11/14/2014 01:23 PM |                   |
| 3952 | ChronoShare        | Task    | Resolved    | Normal   | Restore routable prefix discovery in Dispatcher module                                | Yukai Tu        | 04/03/2017 04:09 PM |                   |
| 5107 | NLSR               | Task    | New         | Low      | Revisit NLSR log message  |                 | 04/25/2020 02:23 PM |                   |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee         | Updated             | Tags                          |
|------|------------------|---------|-------------|----------|---|------------------|---------------------|-------------------------------|
| 3906 | ndns             | Task    | New         | High     | Rewrite ManagementTool's ListZone method  |                  | 12/30/2016 10:12 PM |                               |
| 3916 | ndn-cxx          | Task    | New         | Normal   | Rewrite security tutorial   |                  | 06/07/2020 05:50 PM | security, documentation       |
| 2010 | NFD              | Task    | New         | Normal   | RIB cost guidelines   |                  | 10/31/2014 02:26 PM |                               |
| 4731 | NFD              | Task    | Feedback    | Low      | RIB: deduplicate RibManager::FaceIdSet and Rib::FaceLookupTable                 |                  | 04/03/2021 01:14 AM | code-cleanup                  |
| 1948 | ndn-cxx          | Task    | New         | Normal   | Run integrated tests for every Jenkins build                                    |                  | 06/27/2018 01:39 AM |                               |
| 4491 | ICE-AR Prototype | Task    | New         | High     | sample client for bluetooth beaconing   | Grant Weaver     | 02/08/2018 09:56 AM | ENGR 299                      |
| 5292 | mGuard           | Task    | New         | Normal   | Script to automate mGuard evaluation  |                  | 08/31/2023 09:20 PM |                               |
| 3486 | ndnrtc           | Task    | Resolved    | Normal   | Scripts to log NFD counters across testbed during runs                          | Peter Gusev      | 10/31/2016 03:42 PM |                               |
| 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                          |
| 5026 | NFD              | Task    | New         | Normal   | Self-learning: unit testing   |                  | 12/01/2023 07:04 PM | self-learning, unit-tests     |
| 4845 | NLSR             | Task    | New         | Normal   | Separate nlsr.conf file for test in home directory                              | Saurab Dulal     | 03/17/2021 02:02 PM |                               |
| 4920 | NLSR             | Task    | New         | Normal   | Set best-route strategy for LSAs  |                  | 04/21/2019 04:50 PM |                               |
| 5231 | mini-ndn         | Task    | New         | Normal   | Set default access point/IP switch behavior to ignore SDN features              |                  | 07/12/2022 10:45 AM |                               |
| 4653 | NAC              | Task    | New         | Normal   | Should the new code be hard-wired to AES_CBC?                                   |                  | 07/06/2018 01:40 PM |                               |
| 2939 | mini-ndn         | Task    | New         | Normal   | Static IP addresses should be assignable to nodes                               |                  | 09/13/2020 10:25 AM |                               |
| 2647 | NLSR             | Task    | New         | Low      | Suppress routing table recalculation when Adjacency LSA is refreshed            |                  | 12/29/2020 06:51 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 |                               |
| 5091 | NFD              | Task    | New         | Low      | Switch NFD configuration file format  |                  | 08/27/2020 07:14 PM | needs-discussion              |
| 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                       |
| 5289 | mGuard           | Task    | New         | Normal   | test mGuard for possible testbed-related bugs                                   |                  | 08/19/2023 12:57 AM |                               |
| 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                          |
| 4933 | npchat           | Task    | New         | Normal   | Testbed Hierarchical Rules Schema   | Ashlesh Gawande  | 05/21/2019 08:49 AM |                               |
| 4836 | PSync            | Task    | New         | Low      | Throwing exception in ProducerBase::onRegisterFailed has no effect              |                  | 02/14/2019 11:25 AM |                               |
| 3883 | ChronoSync       | Task    | New         | Normal   | Time gap between interest expiration and refresh                                | Sonu Mishra      | 12/11/2016 01:27 PM |                               |
| 2224 | ndns             | Task    | Code review | Normal   | tools: ndns-remove-rr   | Jiewen Tan       | 03/26/2015 01:06 AM |                               |
| 4754 | ndn-cxx          | Task    | New         | Low      | tpm::BackEndOsx uses deprecated macOS functions                                 |                  | 07/19/2022 02:26 PM | code-cleanup, security, macOS |
| 1776 | ndn-cxx          | Task    | New         | Normal   | Transport: ensure all packets are sent before closing socket                    |                  | 06/05/2018 08:45 PM |                               |

| #    | Project     | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags                    |
|------|-------------|---------|-------------|----------|---|--------------------|---------------------|-------------------------|
| 5194 | mGuard      | Task    | New         | Normal   | Unit and Integration tests  | Saurab Dulal       | 07/26/2023 09:24 PM | unit-tests, integration |
| 5275 | mGuard      | Task    | In Progress | Normal   | unit tests for name tree and parser   | Adam Thieme        | 07/26/2023 09:24 PM |                         |
| 4253 | NLSR        | Task    | In Progress | Normal   | Unit tests should be more deterministic   |                    | 08/24/2017 10:58 AM |                         |
| 4937 | npchat      | Task    | New         | Normal   | Update Android Identity Manager   | Ritik kumar        | 06/06/2019 10:13 AM |                         |
| 5282 | mGuard      | Task    | New         | Normal   | Update Current Example Consumer Application   | Howard Zhu         | 08/09/2023 10:03 PM |                         |
| 4733 | ndnSIM      | Task    | New         | Normal   | Update face metric based on link latency  | Chavoosh Ghasemi   | 09/12/2018 03:04 PM |                         |
| 3121 | ndnSIM      | Task    | New         | Normal   | Update FibHelper to use RIB management  |                    | 05/08/2018 10:53 AM |                         |
| 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 |                         |
| 4620 | NLSR        | Task    | New         | Normal   | Update NLSR Developer's guide to reflect re-built LSDB.   |                    | 05/25/2018 09:40 AM |                         |
| 4772 | PSync       | Task    | New         | Normal   | Update our IBF when we detect future hash and renew sync interest   |                    | 01/02/2023 08:35 PM |                         |
| 4557 | ndnSIM      | Task    | Feedback    | Normal   | Upgrade base NS-3 to just released ns-3.28  | Alex Afanasyev     | 05/08/2018 11:02 AM |                         |
| 4387 | NFD         | Task    | New         | Low      | Use a real benchmarking library for benchmarks  |                    | 06/07/2020 10:32 AM | code-cleanup            |
| 3950 | NLSR        | Task    | New         | Normal   | Use CertificateBundleFetcher instead of DirectFetcher   | Muktadir Chowdhury | 12/29/2020 06:57 PM |                         |
| 3575 | mini-ndn    | Task    | New         | Low      | Use default_level from nfd.conf as default nfd-log-level  |                    | 04/01/2016 07:38 AM |                         |
| 4994 | npchat      | Task    | New         | Normal   | Use Discovery Protocols With Wifi Direct  |                    | 09/02/2019 08:16 AM |                         |
| 3189 | ndn-sci     | Task    | New         | Normal   | Use logging in catalog  | Chengyu Fan        | 09/08/2015 01:50 PM |                         |
| 4384 | NLSR        | Task    | New         | Normal   | Use loopback interest to serve own certificate  | Muktadir Chowdhury | 11/16/2017 10:48 AM |                         |
| 4678 | NAC         | Task    | New         | Normal   | Use onFailure instead of BOOST_THROW_EXCEPTION in Decryptor::doDecrypt?   |                    | 07/23/2018 01:56 PM |                         |
| 4338 | mini-ndn    | Task    | New         | Normal   | Use persistent face instead of permanent face for NLSR in Mini-NDN  |                    | 10/20/2017 10:51 AM |                         |
| 4078 | mini-ndn    | Task    | New         | Normal   | Use popen in ndn_application  |                    | 06/07/2018 07:40 AM |                         |
| 2487 | ChronoChat  | Task    | Code review | Normal   | Use user's default identity as the initial identity   |                    | 04/07/2015 08:55 PM |                         |
| 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 |                         |
| 2245 | ndns        | Task    | New         | Low      | Web interface to manage NDNS database   |                    | 11/30/2014 09:54 PM |                         |
| 3939 | NFD-android | Task    | New         | Normal   | WiFi Direct support   |                    | 02/02/2017 08:33 PM |                         |
| 3895 | NFD         | Task    | New         | Normal   | Write a style file for clang-format   |                    | 12/20/2022 02:19 AM | needs-discussion        |
| 2598 | ndn-sci     | Task    | New         | Normal   | Write Catalog README.md   |                    | 03/02/2015 01:06 PM |                         |
| 5168 | mini-ndn    | Task    | New         | Normal   | Write documentation for the examples  |                    | 06/04/2021 12:59 PM |                         |
| 5283 | mGuard      | Task    | New         | Normal   | Write New Example Consumer Application for Testing  | Howard Zhu         | 08/09/2023 10:02 PM |                         |
| 2069 | ndn-cxx     | Task    | New         | Normal   | Write tests for ndnsec  |                    | 10/07/2023 09:20 PM | unit-tests              |
| 4270 | NLSR        | Task    | New         | Normal   | Write tests for the common TLV system.  |                    | 09/05/2017 01:48 PM |                         |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee       | Updated             | Tags          |
|------|--------------------|---------|-------------|----------|--|----------------|---------------------|---------------|
| 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 |               |
| 4873 | jndn               | Task    | New         | Normal   | [Android] Incorrect PibImpl when creating KeyChain with pib-sqlite3 pib-locator                    |                | 03/19/2019 03:13 PM |               |
| 3534 | ndnrtc             | Task    | New         | Normal   | [ndncon/ndnrtc] Bugfixing and optimization   |                | 03/15/2016 06:17 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 |               |
| 3537 | ndnrtc             | Task    | New         | Normal   | [ndncon] Memory footprint grows over long runs for publishers                                      | Peter Gusev    | 03/09/2016 05:40 PM |               |
| 3527 | ndnrtc             | Task    | New         | Normal   | [ndnrtc-oj] Implement NDN-RTC metric ingestion into Operational Intelligence tool                  | Peter Gusev    | 03/15/2016 06:22 PM |               |
| 3529 | ndnrtc             | Task    | New         | Normal   | [ndnrtc-oj] Ingest current consumer state  | Peter Gusev    | 03/09/2016 05:22 PM |               |
| 3541 | ndnrtc             | Task    | New         | Normal   | [ndnrtc] Increased latency after rebuffering   | Peter Gusev    | 03/10/2016 03:53 PM |               |
| 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 |               |
| 4061 | named-data.net     | Bug     | New         | Normal   | 500 error when pasting "Beer Mug Emoji"  |                | 04/20/2017 10:59 AM |               |
| 3219 | NFD                | Bug     | New         | Normal   | AccessStrategy measurements ineffective for NDN-RTC traffic  |                | 07/06/2016 01:49 PM |               |
| 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 |               |
| 2485 | ChronoChat         | Bug     | New         | Normal   | All other participants "leaves room" when adjusting clock  |                | 02/06/2015 12:33 PM |               |
| 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 |               |
| 3183 | ndn-sci            | Bug     | New         | Normal   | atoms-catalog crashes if user/password is incorrect  | Chengyu Fan    | 09/08/2015 10:00 AM |               |
| 5018 | NFD                | Bug     | New         | Normal   | Attach PrefixAnnouncement to Data if needed in afterContentStoreHit                                |                | 12/01/2023 06:58 PM | self-learning |
| 4165 | NFD                | Bug     | New         | Normal   | autoconfig daemon mode: dampening mechanism may cause starvation                                   |                | 07/05/2017 11:04 PM |               |
| 5234 | mini-ndn           | Bug     | In Progress | Normal   | Broken mobility bounds in Mini-NDN   | Alexander Lane | 08/08/2022 04:56 PM | mobility      |
| 2321 | repo-ng            | Bug     | New         | Normal   | Cannot ndnputfile with default configuration   |                | 12/28/2014 06:21 AM |               |
| 3190 | ndn-sci            | Bug     | New         | Normal   | catalog ID should be based off active signing key  | Chengyu Fan    | 09/08/2015 02:58 PM |               |
| 3186 | ndn-sci            | Bug     | New         | Normal   | catalog requires signingId to be explicitly set in configuration                                   | Chengyu Fan    | 09/08/2015 10:36 AM |               |
| 3188 | ndn-sci            | Bug     | New         | Normal   | catalog should not generate errors during database initialization                                  | Chengyu Fan    | 09/08/2015 11:06 AM |               |
| 3035 | ndn-sci            | Bug     | In Progress | Normal   | catalog throws runtime errors  | Chengyu Fan    | 07/14/2015 02:05 PM |               |
| 4999 | NDN-CCL            | Bug     | New         | Normal   | CI documentation build relies on Python 2  |                | 10/03/2019 07:21 PM |               |
| 5307 | mGuard             | Bug     | New         | Normal   | ck+encrypted data bug  |                | 01/09/2024 09:31 PM |               |
| 2813 | ndn-sci            | Bug     | New         | Normal   | client did not send query Interests  |                | 06/12/2015 12:36 PM |               |
| 1844 | ndnrtc             | Bug     | New         | Normal   | Compilation in C++11 mode broken   | Peter Gusev    | 08/14/2014 10:42 PM |               |

| #    | Project                 | Tracker | Status      | Priority | Subject   | Assignee             | Updated             | Tags          |
|------|-------------------------|---------|-------------|----------|---|----------------------|---------------------|---------------|
| 3688 | Consumer / Producer API | Bug     | New         | Normal   | Consumer Producer API not compiled  | Siraj Muhammad       | 07/29/2016 01:44 AM |               |
| 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 |               |
| 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 |               |
| 2626 | NFD                     | Bug     | New         | Normal   | CS lookup takes long time if Interest Name covers many entries  |                      | 01/23/2018 11:23 PM |               |
| 3184 | ndn-sci                 | Bug     | New         | Normal   | default catalog configuration should use meaningful names   | Chengyu Fan          | 09/08/2015 10:20 AM |               |
| 2628 | NDN-CCL                 | Bug     | New         | High     | Default value for Interest.Selectors.MustBeFresh should be false  |                      | 02/08/2016 10:08 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 |               |
| 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 |               |
| 4525 | ChronoSync              | Bug     | New         | Normal   | Destructing a ChronoSync socket object shuts down the face  |                      | 03/02/2018 10:33 AM |               |
| 2581 | NFD                     | Bug     | New         | Low      | Detecting compiler support for -Wno-foo is unreliable   |                      | 01/20/2024 12:24 AM | waf           |
| 4210 | NFD                     | Bug     | New         | Low      | Documentation is not mobile friendly  |                      | 10/07/2023 09:57 PM | documentation |
| 5265 | NLSR                    | Bug     | In Progress | Low      | Drop HELLO data freshness from unnecessarily high value   | Alexander Lane       | 05/23/2023 05:05 PM |               |
| 5266 | PSync                   | Bug     | New         | Normal   | Drop sync reply freshness to prevent caching-related issues   | Alexander Lane       | 05/23/2023 06:32 PM |               |
| 4798 | ndn-tools               | Bug     | New         | Low      | Dump/TestNdnDump/MalformedIpv4Header fails on FreeBSD 11.2  |                      | 10/31/2023 11:57 PM | FreeBSD       |
| 5273 | ndnSIM                  | Bug     | New         | Normal   | Duplicated commands of AddRoute and RemoveRoute do not modify FIB   | Mark Theeranantachai | 07/17/2023 12:12 PM |               |
| 4574 | NFD                     | Bug     | New         | Normal   | Dysfunctional test cases in Face/TestTcpFactory   | Alex Afanasyev       | 12/13/2022 02:55 AM | unit-tests    |
| 5149 | NFD                     | Bug     | New         | Normal   | Error 10060 when fetching RIB dataset: Timeout exceeded   |                      | 02/26/2021 03:25 AM |               |
| 4376 | repo-ng                 | Bug     | New         | High     | ERROR: insert command failed with code 402  |                      | 11/02/2017 03:49 PM |               |
| 4400 | NFD                     | Bug     | New         | Low      | EthernetFactory should destroy unusable channels  |                      | 10/07/2023 10:02 PM |               |
| 1785 | ndn-cxx                 | Bug     | New         | Normal   | Face: transport is never paused after pushing Data  |                      | 01/23/2018 11:19 PM |               |
| 2720 | ndn-cxx                 | Bug     | New         | Normal   | Face::unsetInterestFilter is ineffective before registration completes  |                      | 06/30/2015 12:24 PM |               |
| 4115 | NFD                     | Bug     | New         | Low      | FaceManager doesn't reject attempts to destroy "reserved" faces   |                      | 02/03/2018 09:02 PM |               |
| 3897 | ndn-cxx                 | Bug     | New         | Normal   | FaceUri::canonize doesn't always validate the port number   |                      | 08/28/2017 07:15 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 |               |
| 3896 | ndn-cxx                 | Bug     | New         | Normal   | FaceUri::parse doesn't reject some invalid unix:// URIs   |                      | 08/28/2017 07:15 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 |               |
| 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          |
|------|--------------------|---------|-------------|----------|---|--------------|---------------------|---------------|
| 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 |               |
| 3555 | ndnrtc             | Bug     | New         | Normal   | Fix "phantom user" in discovery list  | Zhehao Wang  | 03/16/2016 03:08 PM |               |
| 5243 | ndn-tools          | Bug     | New         | Normal   | Goodput is zero on ARMv7  |              | 10/04/2022 04:58 PM |               |
| 4971 | NLSR               | Bug     | New         | Normal   | Handle uncaught throw statements in NLSR tlv code   | Saurab Dulal | 12/30/2020 10:06 AM |               |
| 2409 | ndn-cxx            | Bug     | New         | Low      | Headers check fails on FreeBSD  |              | 10/31/2023 11:58 PM | FreeBSD       |
| 3175 | ndnSIM             | Bug     | New         | Normal   | ImportError: No module named doxygen  |              | 09/07/2015 12:22 PM |               |
| 3970 | NFD                | Bug     | New         | Low      | Improve face_system error message when a ProtocolFactory is disabled                                      |              | 02/19/2017 09:18 AM |               |
| 3054 | mini-ndn           | Bug     | New         | Normal   | In Mini-NDN hosts cannot reach non neighbors  |              | 10/25/2016 08:14 AM |               |
| 2765 | ndnSIM             | Bug     | New         | Normal   | Incompatible licenses between ns-3 and ndnSIM   |              | 04/22/2015 10:14 AM |               |
| 2406 | ndn-cxx            | Bug     | New         | Low      | Incorrect dependency calculation for version.hpp  |              | 12/01/2023 07:15 PM | waf           |
| 2592 | NFD                | Bug     | New         | Normal   | Ineffective duplicate suppression for satisfied Interest  |              | 06/30/2021 10:10 PM | DeadNonceList |
| 1966 | NFD                | Bug     | New         | Normal   | Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression                |              | 01/08/2021 10:37 AM |               |
| 4481 | mini-ndn           | Bug     | New         | Normal   | Investigate creating /ndn in user's home folder instead of /tmp   |              | 01/30/2018 12:42 PM |               |
| 3709 | ndns               | Bug     | New         | Normal   | IterativeQueryController: does not process Nack   |              | 08/04/2016 10:41 PM |               |
| 5098 | ChronoSync         | Bug     | New         | Normal   | LeafTests/LeafDigest fails on s390x   |              | 04/02/2020 01:14 PM |               |
| 4859 | ndn-cxx            | Bug     | New         | Low      | libndn-cxx.pc installed in wrong location on FreeBSD  |              | 10/31/2023 11:57 PM | FreeBSD       |
| 3180 | ndn-sci            | Bug     | New         | Normal   | malformed help output   | Chengyu Fan  | 09/08/2015 09:52 AM |               |
| 4644 | mini-ndn           | Bug     | New         | Normal   | Mini-NDN checks for nlsr dependency with --no-nlsr option   |              | 06/27/2018 09:42 AM |               |
| 4114 | mini-ndn           | Bug     | New         | Normal   | Minindnedit writes the same hostname for each node without any error                                      |              | 12/21/2017 04:32 PM |               |
| 2174 | NFD                | Bug     | New         | Normal   | Multiple register prefix gives NFD error "request timed out (code: 10060)"                                |              | 11/19/2014 07:07 AM |               |
| 4948 | NFD-android        | Bug     | New         | Normal   | Multiple screen overlapping after rotating the phone  |              | 09/01/2019 09:02 PM |               |
| 4818 | PSync              | Bug     | Code review | Normal   | murmurHash3 of uint32_t is not endian safe  | Junxiao Shi  | 01/02/2023 08:38 PM |               |
| 4531 | NFD                | Bug     | New         | Low      | NAME section is missing in HTML manpages  |              | 01/22/2023 10:19 PM |               |
| 2590 | ndns               | Bug     | New         | Normal   | NameServer/UpdateValidatorFetchCert incorrect usage of Signal   |              | 03/26/2015 12:59 PM |               |
| 2459 | NFD                | Bug     | New         | Normal   | ndn-autoconfig (daemon mode): non-deterministic timeouts for DNS resolution                               |              | 07/07/2017 01:54 AM |               |
| 4554 | Packaging          | Bug     | New         | Normal   | ndn-autoconfig-client: prefix registration failure  |              | 03/23/2018 09:04 PM |               |
| 2446 | ndnSIM             | Bug     | New         | Normal   | ndn-test: segfault in ndn::time::system_clock::now() called by L3Protocol::initializeManagement           |              | 08/05/2015 08:54 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 |               |

| #    | Project     | Tracker | Status   | Priority | Subject   | Assignee         | Updated             | Tags |
|------|-------------|---------|----------|----------|---|------------------|---------------------|------|
| 3902 | ndn-tools   | Bug     | New      | Normal   | ndncatchunks with AIMD pipeline randomly hangs after transfer is complete                       |                  | 10/07/2023 09:55 PM |      |
| 5156 | ndn-tools   | Bug     | New      | Normal   | ndncatchunks: m_nInFlight > 0 assertion failed when transferring large file                     |                  | 04/06/2021 06:00 PM |      |
| 4866 | ndn-tools   | Bug     | New      | Normal   | ndnputchunks consumes a large amount of RAM   |                  | 01/27/2020 02:45 PM |      |
| 4944 | repo-ng     | Bug     | New      | High     | ndnputfile does not work  |                  | 10/07/2023 08:49 PM |      |
| 4157 | ndn-cxx     | Bug     | New      | Low      | ndnsec-export: confusing error message when getpass is unavailable                              |                  | 06/15/2021 06:28 PM |      |
| 3710 | ndns        | Bug     | New      | Normal   | NdnsUpdate: does not process Nack   |                  | 08/04/2016 10:41 PM |      |
| 3215 | NFD         | Bug     | New      | Normal   | NFD crash with "open /dev/urandom operation failed" when reaching ulimit                        |                  | 08/01/2016 02:56 PM |      |
| 4408 | NFD         | Bug     | New      | Normal   | NFD throughput using large chunk is low   |                  | 01/22/2018 03:34 PM |      |
| 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 |      |
| 4792 | mini-ndn    | Bug     | New      | Normal   | NFDC does not work when ran through popen   |                  | 06/19/2019 04:34 AM |      |
| 3677 | NFD         | Bug     | New      | Low      | nfdc status reports wrong uptime if system clock has been changed                               |                  | 09/04/2017 02:18 AM |      |
| 3719 | ChronoChat  | Bug     | New      | Normal   | NfdConnectionChecker: does not process Nack   |                  | 08/04/2016 10:57 PM |      |
| 4549 | NLSR        | Bug     | New      | Normal   | NLSR currently segments LSAs very conservatively  |                  | 08/14/2023 11:05 AM |      |
| 3255 | NLSR        | Bug     | New      | Normal   | Node with old certs prevents neighbors from converging  |                  | 10/09/2015 08:19 AM |      |
| 3993 | mini-ndn    | Bug     | New      | Normal   | Older version of Mininet should not break execution   |                  | 03/13/2017 11:28 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 |      |
| 3191 | ndn-sci     | Bug     | New      | Normal   | onQueryResultsInterest does not handle cache miss   | Chengyu Fan      | 09/08/2015 03:04 PM |      |
| 4959 | ndn-cxx     | Bug     | New      | Normal   | operator<<(std::ostream&, const Data&) may throw  | Davide Pesavento | 09/17/2022 03:03 PM |      |
| 4870 | NFD-android | Bug     | New      | Normal   | Persistent notification is posted when NFD is not running                                       |                  | 08/24/2023 08:44 PM |      |
| 4648 | NFD-android | Bug     | New      | Normal   | Prefix propagation does not work with app-owned certificate                                     |                  | 07/05/2018 08:07 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 |      |
| 5152 | NLSR        | Bug     | New      | Normal   | Problem of assigning link-cost to "zero" for neighbors in Hyperbolic Routing (HR)               |                  | 03/01/2022 06:44 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 |      |
| 3656 | ndnSIM      | Bug     | New      | Normal   | Python bindings enumeration for old-style content store   |                  | 05/08/2018 10:55 AM |      |
| 2797 | ndn-sci     | Bug     | New      | Normal   | Query result prefix is incorrect  |                  | 05/07/2015 09:37 AM |      |
| 4177 | NLSR        | Bug     | Feedback | Normal   | Readvertise causes withdrawal of site prefix  | Nicholas Gordon  | 12/31/2020 10:22 AM |      |
| 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 |      |

| #    | Project     | Tracker | Status      | Priority | Subject  | Assignee          | Updated             | Tags                   |
|------|-------------|---------|-------------|----------|--|-------------------|---------------------|------------------------|
| 5316 | mini-ndn    | Bug     | In Progress | High     | Resolution to bug #5309 not supporting PPAs  | Alexander Lane    | 04/04/2024 06:13 PM |                        |
| 3889 | NFD         | Bug     | New         | Normal   | Retransmission suppression is too aggressive   |                   | 08/25/2017 01:09 PM |                        |
| 5047 | NFD         | Bug     | New         | Normal   | Router should reject /localhost prefix registration  |                   | 06/12/2021 11:47 AM |                        |
| 4919 | NLSR        | Bug     | New         | Normal   | Schedule hello interest after FACE_EVENT_CREATED is received   |                   | 04/21/2019 04:40 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 |
| 4654 | repo-ng     | Bug     | New         | Low      | Small typos in Repo Deletion Protocol Wiki Page  |                   | 07/07/2018 08:17 AM |                        |
| 4495 | ChronoSync  | Bug     | New         | Normal   | Strange buffer overflow / random crash of chronosync::Socket related to ndn::InMemoryStorage   |                   | 02/11/2018 07:46 PM |                        |
| 5263 | mini-ndn    | Bug     | Code review | Low      | Support floating point bandwidth in topology files   | Alexander Lane    | 05/22/2023 11:57 PM |                        |
| 1047 | NDN-CCL     | Bug     | New         | Normal   | The removeRegisteredPrefix API should "unregister" from the forwarding daemon  |                   | 07/18/2017 03:51 PM |                        |
| 5002 | ndnSIM      | Bug     | New         | Normal   | topologyReader.ApplyOspfMetric() doesn't work unless ndn::StackHelper is installed   |                   | 09/18/2019 01:54 PM |                        |
| 2824 | ndnSIM      | Bug     | New         | Normal   | Typo in documentation (git clone commands)   | Spyros Mastorakis | 08/21/2015 06:51 PM |                        |
| 4499 | NFD         | Bug     | New         | Low      | Unbounded queuing in StreamTransport   |                   | 08/26/2020 04:44 PM | needs-discussion       |
| 4356 | repo-ng     | Bug     | New         | Normal   | Unrecognized 'registration-subset' option  |                   | 10/24/2017 11:17 AM |                        |
| 4375 | repo-ng     | Bug     | New         | Normal   | Unrecognized 'registration-subset' option in 'tcp_bulk_insert' section in configuration file   |                   | 11/06/2017 07:39 AM |                        |
| 5126 | ndn-cxx     | Bug     | New         | Normal   | Unreliable (or ill-designed?) test case Encoding/TestBlock/Construction/FromBlock  |                   | 12/08/2023 07:12 PM | unit-tests             |
| 2575 | NDN-CCL     | Bug     | New         | High     | Unspecified fields should not be present in packets  |                   | 03/09/2015 01:43 PM |                        |
| 4537 | ndn-cxx     | Bug     | New         | Normal   | Validator doesn't properly handle exceptions from the callbacks  |                   | 03/05/2018 08:19 PM |                        |
| 5280 | ndn-cxx     | Bug     | New         | Normal   | ValidityPeriod.NotAfter=99991231T235959 truncated  |                   | 08/07/2023 06:20 PM |                        |
| 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 |                        |
| 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 |                        |
| 3038 | mini-ndn    | Bug     | Resolved    | Normal   | Xterm for node does not have home folder set   |                   | 05/04/2017 07:04 PM |                        |
| 2688 | ndnrtc      | Bug     | Resolved    | High     | [NdnCon] Adding new user   |                   | 10/31/2016 03:30 PM |                        |
| 3246 | ndnrtc      | Bug     | Resolved    | Normal   | [NdnCon] cannot quit from Dock during fetching   |                   | 10/31/2016 03:36 PM |                        |
| 3473 | ndnrtc      | Bug     | New         | Normal   | [NdnCon] chatroom message scroll position not preserved upon maximize  |                   | 02/24/2016 03:16 PM |                        |
| 2708 | ndnrtc      | Bug     | Resolved    | Normal   | [NdnCon] CPU load improvements   |                   | 10/31/2016 03:32 PM |                        |
| 3250 | ndnrtc      | Bug     | New         | Normal   | [NdnCon] crash after entering very long username   |                   | 10/08/2015 01:49 PM |                        |



| #    | Project     | Tracker | Status      | Priority | Subject   | Assignee         | Updated             | Tags             |
|------|-------------|---------|-------------|----------|---|------------------|---------------------|------------------|
| 3247 | ndnrtc      | Bug     | New         | Normal   | [NdnCon] crash after stop publishing  |                  | 10/07/2015 03:09 PM |                  |
| 3242 | ndnrtc      | Bug     | New         | Normal   | [NdnCon] fail to discover chatrooms with tpm-file   |                  | 10/07/2015 11:33 AM |                  |
| 2675 | ndnrtc      | Bug     | New         | Normal   | [NdnCon] Live statistics on publisher   | Peter Gusev      | 03/23/2015 12:17 PM |                  |
| 2703 | ndnrtc      | Bug     | New         | High     | [NdnCon] Make possible to choose different than system audio input.                           |                  | 04/01/2015 11:32 PM |                  |
| 3244 | ndnrtc      | Bug     | New         | Low      | [NdnCon] media streams preference: FreshnessPeriod label displays incompletely                |                  | 10/07/2015 01:26 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 |                  |
| 4020 | ndn-cxx     | Feature | In Progress | Normal   | "ad hoc" detection on Linux   | Davide Pesavento | 10/04/2018 08:33 PM |                  |
| 4019 | ndn-cxx     | Feature | New         | Normal   | "ad hoc" detection on macOS   |                  | 06/08/2020 05:43 PM | macOS            |
| 4650 | NFD         | Feature | Feedback    | Normal   | Accept and store PrefixAnnouncement in rib/announce command                                   |                  | 08/19/2023 01:55 AM |                  |
| 5203 | ndns        | Feature | New         | Normal   | Accommodate certificate name in KeyLocator  |                  | 05/04/2022 01:59 PM |                  |
| 4762 | NFD         | Feature | New         | Normal   | Add a new UnsolicitedDataPolicy that admits unsolicited data by prefix                        |                  | 01/11/2022 02:45 PM |                  |
| 4781 | NFD         | Feature | New         | Low      | Add Adaptive Replacement Cache (ARC) algorithm  |                  | 09/01/2023 02:33 AM |                  |
| 4148 | NFD         | Feature | New         | Normal   | Add Bluetooth RFCOMM face   |                  | 01/23/2020 02:56 PM |                  |
| 2828 | ndn-cxx     | Feature | New         | Normal   | Add Pattern Inference in NDN Regular Expression   | Qiuhan Ding      | 07/17/2015 09:24 PM |                  |
| 3831 | NFD         | Feature | New         | Normal   | Add RIB routes for automatically created permanent faces                                      |                  | 10/28/2016 09:51 AM |                  |
| 4677 | PSync       | Feature | New         | Normal   | Add simpler way for consumer to subscribe to full data set                                    |                  | 01/02/2023 08:44 PM |                  |
| 4298 | NFD         | Feature | New         | Normal   | Add some random jitter to probing interval in ASF strategy                                    |                  | 02/02/2024 11:10 PM | ASF              |
| 4625 | mini-ndn    | Feature | In Progress | Normal   | Add support for the tshark NDN dissector  | Alexander Lane   | 06/29/2018 08:50 AM |                  |
| 4366 | mini-ndn    | Feature | In Progress | Normal   | Add Wifi capability using Mininet-Wifi  | Alexander Lane   | 08/12/2019 11:38 AM |                  |
| 5233 | mGuard      | Feature | New         | Normal   | Add wildcard support in both the name tree and in the parser                                  |                  | 08/02/2023 09:27 PM |                  |
| 4363 | NFD         | Feature | New         | Normal   | Adjust Multipath Forwarding Strategy based on Congestion Marks                                |                  | 12/08/2023 07:20 PM | needs-discussion |
| 2746 | NFD-android | Feature | New         | Normal   | Allow configuration of NFD parameters   |                  | 02/13/2019 12:42 PM |                  |
| 4536 | mini-ndn    | Feature | In Progress | Normal   | Allow NLSR bot to test NLSR against release versions of ndn-cxx, NFD                          | Alexander Lane   | 05/30/2018 02:05 PM |                  |
| 5264 | mini-ndn    | Feature | Code review | Normal   | Allow permanent faces in NDNRoutingHelper   | Alexander Lane   | 05/22/2023 11:35 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 |                  |
| 4056 | NFD         | Feature | New         | Normal   | Allow strategy to choose delegation name from forwarding hint                                 |                  | 04/19/2017 04:50 PM |                  |
| 4102 | NLSR        | Feature | New         | Normal   | Allow user to add or remove neighbors via nlsr  | Saurab Dulal     | 12/29/2020 07:03 PM |                  |
| 4915 | NFD         | Feature | New         | Normal   | ASF should check PIT entry for other un-NACK'd inrecord nonces after receiving duplicate NACK |                  | 02/02/2024 11:05 PM | ASF              |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Tags              |
|------|---------|---------|-------------|----------|---|----------|---------------------|-------------------|
| 4886 | NFD     | Feature | New         | Normal   | ASF strategy should give the same probing probability to next hops that have the same rank (cost) |          | 02/02/2024 11:08 PM | ASF               |
| 4343 | NFD     | Feature | New         | Normal   | ASF strategy should isolate timed-out or NACK'd interests into separate namespaces                |          | 07/28/2023 10:20 PM | ASF               |
| 4903 | NFD     | Feature | New         | Normal   | ASF strategy should try alternative paths (if available) if a NACK is received                    |          | 02/02/2024 11:06 PM | ASF               |
| 2488 | ndn-cxx | Feature | New         | Normal   | Asynchronous API for data signing   |          | 12/01/2017 01:20 PM |                   |
| 5207 | NFD     | Feature | New         | Normal   | autoconfig: allow NDN-FCH service over HTTPS  |          | 03/05/2024 04:38 PM |                   |
| 4166 | NFD     | Feature | New         | Normal   | autoconfig: consider ad hoc wireless faces  |          | 01/25/2018 02:09 PM |                   |
| 4871 | NFD     | Feature | Feedback    | Normal   | autoconfig: try multiple routers from NDN-FCH   |          | 12/01/2023 06:54 PM | needs-discussion  |
| 3887 | NFD     | Feature | New         | Normal   | Available strategies dataset  |          | 12/12/2016 09:00 PM |                   |
| 3217 | ndn-cxx | Feature | New         | Normal   | Avoid memory copy when creating Ip::Packet from Fragment  |          | 01/25/2018 01:12 PM |                   |
| 3420 | NFD     | Feature | New         | Normal   | best-route: return Nack if nexthops are DOWN  |          | 01/19/2016 03:48 PM |                   |
| 4902 | NFD     | Feature | New         | Low      | Better logging when Interest & Data don't match   |          | 12/01/2023 08:34 PM | logging           |
| 2999 | ndn-cxx | Feature | New         | Normal   | Block scatter/gather support  |          | 06/30/2015 09:12 AM |                   |
| 4847 | PSync   | Feature | New         | Normal   | Call addUserNode if prefix not present in publishName   |          | 01/02/2023 08:45 PM |                   |
| 2578 | jndn    | Feature | New         | Normal   | Callback classes should not be under net.named_data.jndn, but at some higher level                |          | 03/04/2015 10:33 PM |                   |
| 3907 | ndn-cxx | Feature | New         | Normal   | Certificate API to enumerate extensions   |          | 06/29/2020 11:46 PM | security, API     |
| 5004 | ndn-cxx | Feature | In Progress | Normal   | CertificateBundle encoding and decoding   |          | 12/01/2023 08:22 PM | CertificateBundle |
| 5007 | ndn-cxx | Feature | New         | Normal   | CertificateBundle fetcher   |          | 12/01/2023 08:25 PM | CertificateBundle |
| 5006 | ndn-cxx | Feature | New         | Normal   | CertificateBundle producer  |          | 12/01/2023 08:23 PM | CertificateBundle |
| 5005 | ndn-cxx | Feature | New         | Normal   | CertificateBundle publisher   |          | 12/01/2023 08:24 PM | CertificateBundle |

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