

## 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 |                         |
| 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                   |
| 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 |                         |
| 4803 | NLSR           | Task    | New         | Normal    | Abstract segment fetcher functionality in separate LSA fetcher class                       |                    | 05/31/2020 10:04 AM |                         |
| 4650 | NFD            | Feature | Feedback    | Normal    | Accept and store PrefixAnnouncement in rib/announce command                                |                    | 08/19/2023 01:55 AM |                         |
| 3219 | NFD            | Bug     | New         | Normal    | AccessStrategy measurements ineffective for NDN-RTC traffic                                |                    | 07/06/2016 01:49 PM |                         |
| 5203 | ndns           | Feature | New         | Normal    | Accommodate certificate name in KeyLocator   |                    | 05/04/2022 01:59 PM |                         |
| 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 |                         |
| 4762 | NFD            | Feature | New         | Normal    | Add a new UnsolicitedDataPolicy that admits unsolicited data by prefix                     |                    | 01/11/2022 02:45 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 |                         |
| 4781 | NFD            | Feature | New         | Low       | Add Adaptive Replacement Cache (ARC) algorithm   |                    | 09/01/2023 02:33 AM |                         |
| 3271 | mini-ndn       | Task    | New         | Normal    | Add automatic testing of Mini-NDN patches on gerrit  |                    | 12/21/2017 04:10 PM |                         |
| 4148 | NFD            | Feature | New         | Normal    | Add Bluetooth RFCOMM face  |                    | 01/23/2020 02:56 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 |                         |

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|------|--------------------|---------|-------------|----------|--|----------------|---------------------|------------------|
| 2828 | ndn-cxx            | Feature | New         | Normal   | Add Pattern Inference in NDN Regular Expression                              | Qiuhan Ding    | 07/17/2015 09:24 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 |                  |
| 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 |                  |
| 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 |                  |
| 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 |                  |
| 4142 | ndnSIM             | Task    | New         | High     | Addition of a new field to interest and data packet                          | Alex Afanasyev | 05/08/2018 10:48 AM |                  |
| 1014 | NDN in the browser | Bug     | New         | Normal   | Address bar reverts to interest selector when leaving and returning to a tab |                | 05/20/2023 06:22 AM |                  |
| 4363 | NFD                | Feature | New         | Normal   | Adjust Multipath Forwarding Strategy based on Congestion Marks               |                | 12/08/2023 07:20 PM | needs-discussion |
| 2485 | ChronoChat         | Bug     | New         | Normal   | All other participants "leaves room" when adjusting clock                    |                | 02/06/2015 12:33 PM |                  |
| 3082 | NLSR               | Task    | Code review | Normal   | Allow configuration file to be reloaded while NLSR is running                | Saurab Dulal   | 12/29/2020 06:56 PM |                  |
| 2746 | NFD-android        | Feature | New         | Normal   | Allow configuration of NFD parameters  |                | 02/13/2019 12:42 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     |
| 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 |                  |

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|------|-------------|---------|-------------|----------|---|------------------|---------------------|--|
| 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 |  |
| 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                                    |
| 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                                    |
| 4320 | ndnSIM      | Task    | New         | Normal   | assign custom colors, description on NDN based nodes  |                  | 05/08/2018 10:50 AM |  |
| 2488 | ndn-cxx     | Feature | New         | Normal   | Asynchronous API for data signing   |                  | 12/01/2017 01:20 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 |  |
| 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 |  |
| 3867 | ndn-tools   | Task    | New         | Normal   | autoconfig: move from NFD repository  | Davide Pesavento | 02/17/2019 03:58 PM |  |
| 4871 | NFD         | Feature | Feedback    | Normal   | autoconfig: try multiple routers from NDN-FCH   |                  | 12/01/2023 06:54 PM | needs-discussion                       |
| 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 |
| 3887 | NFD         | Feature | New         | Normal   | Available strategies dataset  |                  | 12/12/2016 09:00 PM |  |
| 3926 | ChronoShare | Task    | New         | Normal   | Avoid all uses of boost::posix_time with ndn::time (boost::chrono)                                | Yukai Tu         | 01/15/2017 02:36 PM |  |
| 3925 | ChronoShare | Task    | New         | Normal   | Avoid creation multiple instances of KeyChain   | Yukai Tu         | 01/13/2017 04:10 PM |  |
| 3217 | ndn-cxx     | Feature | New         | Normal   | Avoid memory copy when creating lp::Packet from Fragment  |                  | 01/25/2018 01:12 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                           |

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|------|------------------|---------|-------------|----------|--|----------------|---------------------|-------------------|
| 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           |
| 4493 | ICE-AR Prototype | Task    | New         | High     | BLE agent for NFD-android  | Edward Lu      | 02/08/2018 09:59 AM | CS217             |
| 2999 | ndn-cxx          | Feature | New         | Normal   | Block scatter/gather support   |                | 06/30/2015 09:12 AM |                   |
| 5191 | mGuard           | Task    | In Progress | Normal   | Bootstrapping, namespace and certificate management                                | Tianyuan Yu    | 07/26/2023 09:38 PM | certificate       |
| 5234 | mini-ndn         | Bug     | In Progress | Normal   | Broken mobility bounds in Mini-NDN   | Alexander Lane | 08/08/2022 04:56 PM | mobility          |
| 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 |                   |
| 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 |                   |
| 4374 | repo-ng          | Task    | New         | High     | Can't insert segmented data  |                | 11/01/2017 09:33 AM |                   |
| 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 |                   |
| 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 |
| 5302 | mGuard           | Task    | New         | Normal   | Change all timestamps to unix time   | Adam Thieme    | 11/21/2023 09:59 PM |                   |
| 2835 | ndn-cxx          | Feature | Feedback    | Normal   | Change backref symbol in regular expression  |                | 01/23/2018 11:17 PM |                   |
| 4921 | NLSR             | Feature | New         | Normal   | Change LSA prefix to /localhop/[network]/[site]/[router]/NLSR/LSA/[Isa-type]/      |                | 12/29/2020 07:04 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 |                   |
| 3441 | NFD-android      | Feature | New         | Normal   | Channels fragment  |                | 02/13/2019 12:48 PM |                   |
| 4711 | mini-ndn         | Feature | New         | Normal   | Check for duplicate hyperbolic coordinates while parsing topology file             | Saurab Dulal   | 08/15/2018 10:24 AM |                   |
| 4851 | ndn-tools        | Feature | Code review | Normal   | chunks: integrate NAC  |                | 02/20/2024 02:55 AM |                   |

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|------|--------------------|---------|-------------|----------|--|--------------|---------------------|------------------|
| 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 |                  |
| 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 |                  |
| 2813 | ndn-sci            | Bug     | New         | Normal   | client did not send query Interests  |              | 06/12/2015 12:36 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 |                  |
| 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 |                  |
| 3145 | NFD                | Feature | New         | Normal   | Collect and publish routable-prefixes                                      |              | 01/23/2018 11:22 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 |                  |
| 4350 | ndn-cxx            | Feature | New         | Normal   | Combine the direct fetch and key bundle                                    |              | 10/19/2017 10:47 AM |                  |
| 5177 | ndn-cxx            | Feature | New         | Normal   | Command interest replay detection by (timestamp, nonce)-tuples             |              | 01/11/2022 05:43 PM | security         |
| 1498 | repo-ng            | Task    | New         | Normal   | Command-line tool to print out names of stored data                        |              | 04/28/2014 10:07 AM |                  |
| 1844 | ndnrtc             | Bug     | New         | Normal   | Compilation in C++11 mode broken   | Peter Gusev  | 08/14/2014 10:42 PM |                  |
| 2000 | NFD                | Task    | New         | Normal   | Composable strategy building blocks  |              | 04/28/2020 10:15 PM |                  |
| 5068 | PSync              | Feature | New         | Normal   | Compress IBF and Hello/Sync Data in Partial sync by default                |              | 01/02/2023 08:37 PM |                  |
| 2901 | NDN Specifications | Feature | New         | Normal   | CompressionType and EncryptionType in MetaInfo                             |              | 05/25/2023 08:28 PM | needs-discussion |
| 3141 | NFD                | Feature | New         | Normal   | Configurable top-level prefixes for NFD management                         |              | 08/28/2015 03:41 PM |                  |
| 3142 | NFD                | Feature | New         | Normal   | Configurable top-level prefixes for NFD-RIB                                |              | 11/05/2019 09:16 AM |                  |
| 4724 | NFD                | Feature | New         | Normal   | Configuration reload in RIB  |              | 08/27/2018 09:50 AM |                  |
| 2942 | mini-ndn           | Task    | New         | High     | Configure experiment parameters using configuration file                   |              | 09/13/2020 11:34 AM |                  |
| 2856 | NFD                | Feature | New         | Normal   | Confine registered prefix within identity                                  |              | 06/06/2015 09:37 AM |                  |
| 5059 | NFD                | Feature | New         | Normal   | Congestion Detection: Monitor NIC incoming buffer queue                    |              | 12/08/2023 07:16 PM | needs-discussion |
| 5060 | NFD                | Feature | New         | Normal   | Congestion Detection: Monitor size of PIT vs. available memory             |              | 12/08/2023 07:18 PM | needs-discussion |
| 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 |                  |

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|------|-------------------------|---------|--------|----------|---|----------------|---------------------|-------------------------------------|
| 3688 | Consumer / Producer API | Bug     | New    | Normal   | Consumer Producer API not compiled  | Siraj Muhammad | 07/29/2016 01:44 AM |                                     |
| 4864 | PSync                   | Feature | New    | Normal   | Consumer send hello and sync interest automatically   |                | 01/02/2023 08:45 PM |                                     |
| 4795 | Consumer / Producer API | Task    | New    | High     | Consumer/Producer API Build Failure   |                | 12/18/2018 01:36 AM | Consumer Producer API, build, error |
| 4317 | NFD                     | Feature | New    | Normal   | Content Store enumeration   |                | 10/01/2017 09:26 PM |                                     |
| 3807 | NFD                     | Task    | New    | Normal   | Content store profiling   |                | 10/07/2023 09:51 PM |                                     |
| 3726 | ndn-cxx                 | Feature | New    | Normal   | Controller logging  |                | 06/07/2020 10:47 AM | logging                             |
| 2293 | ndn-cxx                 | Feature | New    | Normal   | Controller: stop-and-wait   |                | 01/15/2021 03:52 PM |                                     |
| 3718 | ChronoChat              | Bug     | New    | Normal   | ControllerBackend: does not process Nack  |                | 08/04/2016 10:57 PM |                                     |
| 3717 | ChronoChat              | Bug     | New    | Normal   | ControllerBackend: does not process Nack  |                | 08/04/2016 10:57 PM |                                     |
| 3216 | ndn-cxx                 | Feature | New    | Normal   | Copy-on-write buffer abstraction and refactor Block   |                | 10/17/2017 01:15 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 |                                     |
| 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 |                                     |
| 2626 | NFD                     | Bug     | New    | Normal   | CS lookup takes long time if Interest Name covers many entries  |                | 01/23/2018 11:23 PM |                                     |
| 3161 | NFD                     | Feature | New    | Normal   | CS: partition by forwarding hint  |                | 08/06/2017 07:57 AM |                                     |
| 4943 | NFD                     | Feature | New    | Normal   | CsMgmt: retrieve and change cache policy  |                | 05/25/2019 03:54 PM |                                     |
| 3945 | NFD                     | Feature | New    | Normal   | DeadNonceList counters  |                | 06/30/2021 10:11 PM | DeadNonceList                       |
| 5288 | NFD                     | Feature | New    | Normal   | DeadNonceList with hashtable buckets  |                | 08/13/2023 10:14 PM | DeadNonceList                       |
| 2064 | ndn-cxx                 | Task    | New    | Normal   | Declare environment for integrated tests  |                | 10/14/2014 09:25 AM |                                     |
| 3516 | ndnrctc                 | Task    | New    | Normal   | Decrease conversational latency perceived by users  | Peter Gusev    | 03/07/2016 09:15 AM |                                     |
| 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 |                                     |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee             | Updated             | Tags             |
|------|--------------------|---------|-------------|----------|---|----------------------|---------------------|------------------|
| 4569 | ndn-cxx            | Bug     | In Progress | Normal   | Default-constructed MetalInfo does not equal MetalInfo decoded with default values            | Davide Pesavento     | 08/25/2019 08:16 PM |                  |
| 5063 | mini-ndn           | Task    | New         | Normal   | Define a code style for Mini-NDN and deploy a PyLint bot to comment on gerrit                 |                      | 09/13/2020 11:54 AM |                  |
| 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 |                  |
| 5278 | NFD                | Feature | Feedback    | Normal   | Delegate sending Nack-Duplicate to forwarding strategy  | Mark Theeranantachai | 02/15/2024 05:45 PM |                  |
| 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 |                  |
| 3978 | mini-ndn           | Feature | New         | Normal   | Design a mechanism to test NLSR with muliplte networks in the same topology                   |                      | 09/13/2020 11:55 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 |                  |
| 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 |                  |
| 1282 | NFD                | Feature | Feedback    | Normal   | Design duplicate suppression on multicast face  |                      | 04/09/2020 02:44 PM |                  |
| 3333 | NFD                | Feature | New         | Normal   | Design Interest digest  |                      | 08/26/2020 04:52 PM | needs-discussion |
| 3592 | NDN Specifications | Feature | New         | Normal   | Design mechanism to reliably identify content object name                                     |                      | 05/27/2017 09:31 AM |                  |
| 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 |                  |
| 3000 | NFD                | Feature | Feedback    | Normal   | Design mobility with forwarding hint  |                      | 02/03/2018 09:05 PM |                  |
| 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 |                  |
| 3075 | ndn-cxx            | Feature | In Progress | Normal   | Design support for SignatureHmacWithSha256  |                      | 10/07/2023 09:35 PM | security         |
| 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 |                  |
| 4525 | ChronoSync         | Bug     | New         | Normal   | Destructing a ChronoSync socket object shuts down the face                                    |                      | 03/02/2018 10:33 AM |                  |
| 4773 | NFD                | Feature | New         | Normal   | Detect up/down status of point-to-point links by BFD  |                      | 08/26/2020 04:36 PM | needs-discussion |
| 2581 | NFD                | Bug     | New         | Low      | Detecting compiler support for -Wno-foo is unreliable   |                      | 01/20/2024 12:24 AM | waf              |
| 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 |                  |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags               |
|------|--------------------|---------|-------------|----------|---|--------------------|---------------------|--------------------|
| 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 |                    |
| 5291 | ndn-cxx            | Feature | New         | Normal   | Deterministic ECDSA signing   |                    | 11/23/2023 07:58 PM | security, openssl  |
| 4457 | ICE-AR Prototype   | Task    | New         | Normal   | develop repo-sync for content publishing and retrieval                                  | Haitao Zhang       | 01/21/2018 10:06 PM | CS217              |
| 4281 | NFD                | Feature | New         | Normal   | Develop self-learning for broadcast and ad hoc wireless faces                           |                    | 12/01/2023 07:00 PM | self-learning      |
| 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 |                    |
| 2899 | NDN Specifications | Feature | New         | Normal   | DigestSha256 vs CRC-32C   |                    | 05/25/2023 08:28 PM | needs-discussion   |
| 4857 | NFD                | Feature | New         | Normal   | Discover other NFD nodes on WiFi network using ARP                                      |                    | 08/26/2020 04:35 PM | needs-discussion   |
| 3143 | NFD                | Feature | New         | Normal   | Discover RIB management prefix of connected gateway router                              |                    | 01/23/2018 11:25 PM |                    |
| 4699 | ndn-cxx            | Feature | New         | Normal   | Dispatcher: use SegmentPublisher in StatusDatasetContext                                |                    | 08/07/2018 02:00 PM |                    |
| 4993 | npchat             | Task    | New         | Normal   | Display Information About Friendship Process On Screen                                  |                    | 09/02/2019 08:14 AM |                    |
| 3030 | NFD                | Feature | New         | Normal   | Display RouterName in 'nfdc status show'  |                    | 07/23/2017 06:29 AM |                    |
| 3031 | NFD                | Feature | New         | Normal   | Display RouterName on HTTP status page  |                    | 08/25/2015 07:55 AM |                    |
| 2945 | mini-ndn           | Task    | New         | Normal   | Display statistics during collection  |                    | 09/13/2020 11:49 AM |                    |
| 4590 | ndn-tools          | Feature | Feedback    | Normal   | dissect: recognize NDNLP and Packet Format 0.3 elements                                 |                    | 10/10/2019 09:25 AM | Packet03Transition |
| 5097 | ndn-cxx            | Feature | New         | Low      | Distinguish DOWN and NO_CARRIER in NetworkMonitor for macOS                             |                    | 06/08/2020 05:41 PM | macOS              |
| 3629 | NLSR               | Feature | New         | Low      | Distribute certificates proactively through Sync  |                    | 01/02/2018 01:18 PM |                    |
| 5067 | PSync              | Task    | New         | Normal   | Do not serve discovery hello/sync Interest from publisher cache                         |                    | 01/02/2023 08:36 PM |                    |
| 5303 | ndn-cxx            | Feature | In Progress | Normal   | Dockerfile for ndn-cxx ecosystem  | Davide Pesavento   | 04/09/2024 09:27 PM | docker             |
| 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      |
| 3065 | NLSR               | Feature | New         | Normal   | Document installation procedure from Ubuntu PPA   |                    | 07/21/2015 11:47 PM |                    |
| 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 |                    |
| 4210 | NFD                | Bug     | New         | Low      | Documentation is not mobile friendly  |                    | 10/07/2023 09:57 PM | documentation      |
| 5284 | mGuard             | Task    | New         | Normal   | Documentation Updates   |                    | 08/21/2023 06:26 PM |                    |
| 3320 | repo-ng            | Task    | New         | High     | Downloading with a different pipelines  | inchan hwang       | 11/05/2015 03:55 AM |                    |
| 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            |



| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee             | Updated             | Tags               |
|------|--------------------|---------|-------------|----------|---|----------------------|---------------------|--------------------|
| 5273 | ndnSIM             | Bug     | New         | Normal   | Duplicated commands of AddRoute and RemoveRoute do not modify FIB                   | Mark Theeranantachai | 07/17/2023 12:12 PM |                    |
| 4953 | npchat             | Task    | New         | Normal   | Dynamically Load Large File Data  | Jeremy Clark         | 06/07/2019 02:51 PM |                    |
| 4574 | NFD                | Bug     | New         | Normal   | Dysfunctional test cases in Face/TestTcpFactory                                     | Alex Afanasyev       | 12/13/2022 02:55 AM | unit-tests         |
| 5182 | NFD                | Feature | New         | Normal   | Easier identification of the process at the other end of a UnixStream face          | Davide Pesavento     | 05/15/2022 03:01 PM |                    |
| 5209 | ndn-cxx            | Feature | New         | Normal   | Ed25519 signature type  |                      | 08/23/2023 11:50 PM | Ed25519, security  |
| 3766 | repo-ng            | Feature | New         | High     | Enable external command to trigger prefix registration with local NFD               |                      | 06/08/2017 10:04 AM |                    |
| 3095 | ndn-sci            | Task    | New         | Normal   | Enable multi-threads publication  |                      | 08/11/2015 01:27 PM |                    |
| 4988 | NDN-CCL            | Feature | New         | High     | Encode Interests to PacketFormat03  |                      | 10/04/2019 12:56 PM | Packet03Transition |
| 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 |                    |
| 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 |                    |
| 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 |                    |
| 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 |                    |
| 2859 | ndn-cxx            | Feature | New         | Normal   | Explicitly export public symbols  |                      | 08/28/2021 07:31 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 |                    |
| 4467 | NFD                | Feature | New         | Normal   | Export GenericLinkService counters  |                      | 11/04/2022 09:06 PM |                    |
| 3465 | NFD                | Feature | New         | Normal   | Extend client auto-configuration stages to include mDNS/DNS-SD                      |                      | 08/26/2020 04:52 PM | needs-discussion   |
| 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 |                    |
| 3628 | NLSR               | Feature | New         | Normal   | External Launcher   |                      | 12/29/2020 07:02 PM | cri-yeartwo        |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags       |
|------|--------------------|---------|-------------|----------|---|--------------------|---------------------|------------|
| 5232 | mini-ndn           | Feature | New         | Normal   | Face creation via topology and enable users to run NLSR in Mini-NDN-Wifi                                | Alexander Lane     | 07/18/2022 05:32 PM |            |
| 3567 | NFD                | Task    | Feedback    | Normal   | Face system benchmark   |                    | 10/07/2023 09:50 PM |            |
| 1785 | ndn-cxx            | Bug     | New         | Normal   | Face: transport is never paused after pushing Data  |                    | 01/23/2018 11:19 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 |
| 2658 | ndn-cxx            | Feature | New         | Normal   | Face::unregisterPrefix and Face::unsetInterestFilter(RegisteredPrefixHandle): success/failure callbacks |                    | 02/18/2019 09:02 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 |            |
| 3377 | NFD                | Task    | In Progress | Low      | FaceManager: test suite improvement   |                    | 11/04/2022 08:59 PM | unit-tests |
| 4026 | NFD                | Feature | New         | Normal   | FaceSystem: use fine-grained signals from NetworkMonitor  |                    | 10/17/2017 01:22 PM |            |
| 4324 | ndn-cxx            | Feature | In Progress | Normal   | FaceUri: per-scheme parsing   | Davide Pesavento   | 12/29/2023 06:06 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 |            |
| 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     |
| 3361 | NFD                | Feature | New         | Normal   | FIB/PIT/CS/Measurements: erase by iterator  |                    | 02/01/2017 02:20 PM |            |
| 2538 | ndnSIM             | Task    | New         | Normal   | Figure out whether there are memory leaks in ndnSIM.  |                    | 05/08/2018 10:52 AM |            |
| 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 |            |
| 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 |            |
| 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 |            |
| 3028 | ndn-cxx            | Feature | New         | Normal   | ForwarderStatus: RouterName   |                    | 08/17/2015 08:03 PM |            |

| #    | Project                 | Tracker | Status      | Priority | Subject   | Assignee       | Updated             | Tags    |
|------|-------------------------|---------|-------------|----------|---|----------------|---------------------|---------|
| 3027 | NFD                     | Feature | New         | Normal   | ForwarderStatus: RouterName   |                | 08/21/2015 08:04 AM |         |
| 4634 | repo-ng                 | Feature | In Progress | Normal   | Forwarding hint support   | weijia yuan    | 05/15/2019 03:14 PM |         |
| 2576 | NDN-CCL                 | Feature | New         | Normal   | ForwardingFlags should be removed   | Jeff Burke     | 04/06/2019 01:04 PM |         |
| 5000 | NDN Specifications      | Feature | New         | Normal   | ForwardingHint protocol specification   | Lixia Zhang    | 05/03/2020 07:55 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 |         |
| 5089 | PSync                   | Feature | Code review | Normal   | FullSync: add support for piggybacking app data   | Tianxing Ma    | 01/02/2023 08:44 PM |         |
| 5143 | PSync                   | Task    | New         | Normal   | FullSync: Append "full-sync" to sync prefix to distinguish from partial sync (/hello and /sync) |                | 01/31/2021 09:20 AM |         |
| 4867 | PSync                   | Task    | New         | Normal   | FullSync: Investigate sending positive set difference during recovery instead of entire dataset |                | 01/02/2023 08:35 PM |         |
| 4389 | NLSR                    | Feature | New         | Normal   | General broadcast support   |                | 11/21/2017 11:17 AM |         |
| 4348 | ndncert                 | Task    | New         | Normal   | Get rid of the long term storage assumption from NDN CERT CA design                             |                | 03/15/2018 03:02 AM |         |
| 5028 | ndnSIM                  | Feature | New         | Urgent   | Get the list of nodes and associated links inside fw/strategy.                                  | Alex Afanasyev | 10/14/2019 11:06 AM |         |
| 3999 | ndnSIM                  | Feature | New         | Normal   | Give an example on how to create custom tags  |                | 05/08/2018 10:55 AM |         |
| 5243 | ndn-tools               | Bug     | New         | Normal   | Goodput is zero on ARMv7  |                | 10/04/2022 04:58 PM |         |
| 5272 | mGuard                  | Task    | New         | Normal   | Handle CK data segmentation and content segmentation if the size exceed the MTU size            | Tianyuan Yu    | 07/19/2023 09:36 PM |         |
| 5072 | PSync                   | Feature | New         | Normal   | Handle empty IBF  |                | 01/02/2023 08:38 PM |         |
| 3593 | NLSR                    | Task    | New         | Normal   | Handle old state in Sync digest tree  |                | 06/19/2017 01:05 PM |         |
| 4680 | PSync                   | Feature | New         | Normal   | Handle recovery for application   |                | 07/24/2018 09:04 AM |         |
| 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 |
| 4084 | NLSR                    | Feature | New         | Normal   | Hello Protocol over broadcast link  |                | 01/02/2018 01:13 PM |         |
| 4597 | Consumer / Producer API | Task    | New         | Normal   | Howto fix it ?  |                | 04/29/2018 06:46 AM |         |
| 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 |         |
| 3973 | NFD-android             | Feature | New         | Normal   | Identity Manager  |                | 02/14/2019 10:39 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 |         |

| #    | Project          | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags             |
|------|------------------|---------|-------------|----------|--|--------------------|---------------------|------------------|
| 5150 | NAC              | Feature | New         | Normal   | Implement access revocation  |                    | 08/28/2023 04:55 AM |                  |
| 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 |                  |
| 3917 | ndn-cxx          | Feature | New         | Normal   | Implement InMemoryStorageTimeout   |                    | 11/04/2022 09:07 PM | API              |
| 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 |                  |
| 4958 | NFD              | Feature | New         | Normal   | Implicitly determine remote LpReliability support                        |                    | 08/26/2020 04:34 PM | needs-discussion |
| 3175 | ndnSIM           | Bug     | New         | Normal   | ImportError: No module named doxygen                                     |                    | 09/07/2015 12:22 PM |                  |
| 4882 | ndn-cxx          | Task    | New         | Normal   | Improve "NDN Regular Expression" documentation                           |                    | 02/20/2024 02:54 AM | documentation    |
| 4550 | ndn-cxx          | Feature | New         | Normal   | Improve AES support in security::transform                               |                    | 01/13/2022 08:00 PM | security, API    |
| 4500 | NFD              | Feature | New         | Normal   | Improve congestion detection/marketing algorithm                         |                    | 08/26/2020 04:44 PM | needs-discussion |
| 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       |
| 3970 | NFD              | Bug     | New         | Low      | Improve face_system error message when a ProtocolFactory is disabled     |                    | 02/19/2017 09:18 AM |                  |
| 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 |                  |
| 4829 | NFD              | Feature | New         | Normal   | Improve performance with TCMalloc  |                    | 06/30/2019 09:43 PM |                  |
| 4715 | NAC              | Task    | New         | Normal   | In addMember, limit the secret bytes to 1 through 127                    |                    | 08/17/2018 04:59 PM |                  |
| 3054 | mini-ndn         | Bug     | New         | Normal   | In Mini-NDN hosts cannot reach non neighbors                             |                    | 10/25/2016 08:14 AM |                  |
| 4652 | jndn             | Feature | New         | Normal   | Include PrefixAnnouncement in prefix registration commands               |                    | 07/05/2018 08:53 AM |                  |
| 1813 | NLSR             | Feature | New         | Normal   | Include route flags in advertised names                                  |                    | 01/02/2018 01:18 PM |                  |
| 2765 | ndnSIM           | Bug     | New         | Normal   | Incompatible licenses between ns-3 and ndnSIM                            |                    | 04/22/2015 10:14 AM |                  |
| 3488 | ndnrctc          | Feature | New         | Normal   | Incorporate ARC detection into master branch                             | Peter Gusev        | 03/04/2016 03:17 PM |                  |
| 4458 | ICE-AR Prototype | Task    | New         | Normal   | Incorporate bluetooth beacon reading into NFD-android                    | Yanbiao Li         | 02/08/2018 09:50 AM |                  |
| 2406 | ndn-cxx          | Bug     | New         | Low      | Incorrect dependency calculation for version.hpp                         |                    | 12/01/2023 07:15 PM | waf              |
| 4238 | NLSR             | Feature | New         | Normal   | Increase independence of RoutingTable.                                   |                    | 08/23/2017 02:48 PM |                  |

| #    | Project     | Tracker | Status      | Priority | Subject  | Assignee       | Updated             | Tags          |
|------|-------------|---------|-------------|----------|--|----------------|---------------------|---------------|
| 5258 | NLSR        | Feature | New         | Normal   | Increase possible range of supported Hello interest intervals and related configurable values                    |                | 04/11/2023 04:20 PM |               |
| 5120 | NFD         | Feature | In Progress | Normal   | Increase responsiveness of ASF strategy in mobile network scenarios  | Alexander Lane | 05/25/2023 07:39 PM | ASF           |
| 2592 | NFD         | Bug     | New         | Normal   | Ineffective duplicate suppression for satisfied Interest   |                | 06/30/2021 10:10 PM | DeadNonceList |
| 4043 | ndncert     | Task    | New         | Normal   | Infinite size issue of CA's storage  |                | 04/11/2017 03:21 PM |               |
| 3773 | NFD         | Feature | New         | Normal   | Inform applications when auto prefix propagation fails because no signing identity is available                  |                | 03/26/2018 10:20 PM |               |
| 3425 | NFD-android | Feature | New         | Normal   | Information window about local FaceUri   |                | 02/13/2019 12:48 PM |               |
| 5257 | mGuard      | Feature | New         | Normal   | Initializing Requester Names via Controller Certs  | Adam Thieme    | 07/19/2023 09:49 PM |               |
| 4868 | NLSR        | Feature | New         | Normal   | Insert the keys and LSA into a local repo so other router's can retrieve independent of cache or nlsr            |                | 12/29/2020 07:04 PM |               |
| 3163 | NFD         | Feature | New         | Normal   | Insert to CS with forwarding hint  |                | 08/06/2017 08:01 AM |               |
| 1966 | NFD         | Bug     | New         | Normal   | Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression                       |                | 01/08/2021 10:37 AM |               |
| 4822 | PSync       | Task    | Resolved    | Normal   | Investigate (PartialProducer + Consumer) as a replacement of FullProducer  |                | 01/30/2019 02:26 PM |               |
| 4481 | mini-ndn    | Bug     | New         | Normal   | Investigate creating /ndn in user's home folder instead of /tmp  |                | 01/30/2018 12:42 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 |               |
| 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 |               |
| 3709 | ndns        | Bug     | New         | Normal   | IterativeQueryController: does not process Nack  |                | 08/04/2016 10:41 PM |               |
| 4342 | ndn-cxx     | Feature | New         | Low      | KeyChain helpers   |                | 06/29/2020 11:45 PM | security, API |
| 3816 | ndn-cxx     | Feature | New         | Normal   | KeyRollover for high-rate data   |                | 07/07/2017 12:36 AM |               |
| 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       |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags             |
|------|--------------------|---------|-------------|----------|--|--------------------|---------------------|------------------|
| 2726 | ndn-sci            | Task    | New         | Normal   | Load repos with CMIP5 data   | Chengyu Fan        | 04/15/2015 09:18 PM |                  |
| 3553 | ndn-cxx            | Feature | New         | Normal   | Logging facility: bounded record queue   |                    | 06/07/2020 10:45 AM | logging          |
| 3667 | ndn-cxx            | Feature | New         | Normal   | Logging facility: synchronous sink frontend  |                    | 06/29/2020 11:46 PM | logging, API     |
| 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 |                  |
| 4941 | NFD                | Feature | New         | Normal   | LRU policy: adopt entries from another policy  |                    | 05/25/2019 03:42 PM |                  |
| 4193 | NFD                | Feature | In Progress | Normal   | Make ASF strategy less sensitive to timeouts   |                    | 02/02/2024 11:08 PM | ASF              |
| 3830 | NFD                | Task    | New         | Normal   | Make ASF strategy tests predictable  |                    | 02/02/2024 11:15 PM | ASF, unit-tests  |
| 5166 | NFD                | Feature | New         | Normal   | Make DeadNonceList lifetime configurable   |                    | 08/13/2023 10:19 PM | DeadNonceList    |
| 1840 | ndn-cxx            | Feature | New         | Low      | Make ndn URI resolution RFC3986-compliant  |                    | 06/11/2021 03:52 PM |                  |
| 4738 | ndnSIM             | Task    | New         | Normal   | Make ndnSIM compatible with base NS-3 and publish on <a href="https://apps.nsnam.org/">https://apps.nsnam.org/</a> |                    | 03/28/2019 06:26 PM |                  |
| 5031 | NFD                | Feature | New         | Normal   | Make NFD work out of the box   |                    | 12/01/2023 06:56 PM | self-learning    |
| 4385 | mini-ndn           | Task    | Code review | Normal   | Make NLSR logs available online when the bot fails   | Alexander Lane     | 05/30/2018 12:49 PM |                  |
| 2834 | ndn-cxx            | Feature | Feedback    | Normal   | Make regex more strict   |                    | 01/23/2018 11:18 PM |                  |
| 2747 | NFD                | Feature | New         | Normal   | Make StreamFace processing time constant regardless of object size   |                    | 06/11/2021 03:50 PM |                  |
| 4371 | ndnSIM             | Task    | New         | Normal   | Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx)   |                    | 05/08/2018 10:49 AM |                  |
| 3180 | ndn-sci            | Bug     | New         | Normal   | malformed help output  | Chengyu Fan        | 09/08/2015 09:52 AM |                  |
| 4129 | repo-ng            | Feature | New         | Normal   | Management Dispatcher for repo commands  | Muktadir Chowdhury | 10/27/2018 12:50 PM |                  |
| 4528 | NFD                | Feature | In Progress | Normal   | Management thread  | Davide Pesavento   | 09/12/2020 02:25 PM |                  |
| 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 |                  |
| 3840 | NFD-android        | Feature | New         | Normal   | mDNS discovery of other NFD nodes on WiFi network  |                    | 08/26/2020 04:48 PM | needs-discussion |
| 4446 | NFD                | Feature | New         | Normal   | Measurements query operation   |                    | 02/21/2018 08:56 PM |                  |
| 5119 | ndn-tools          | Feature | New         | Normal   | Mechanism to learn if a given name prefix is registered with a remote NFD  |                    | 05/01/2022 04:41 PM | needs-discussion |
| 4529 | NFD                | Feature | New         | Normal   | Merge NFD-RIB into management thread   |                    | 03/02/2018 03:25 PM |                  |
| 3611 | NDN in the browser | Task    | New         | Normal   | Micro Forwarder README   |                    | 05/20/2023 06:22 AM |                  |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee         | Updated             | Tags   |
|------|--------------------|---------|-------------|----------|---|------------------|---------------------|--|
| 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 |  |
| 4644 | mini-ndn           | Bug     | New         | Normal   | Mini-NDN checks for nlsr dependency with --no-nlsr option                         |                  | 06/27/2018 09:42 AM |  |
| 4952 | mini-ndn           | Task    | New         | High     | Minindn nodes have no their separated namespaces                                  |                  | 06/08/2019 11:16 AM | minindn-simulator, environment variable, namespace |
| 4114 | mini-ndn           | Bug     | New         | Normal   | Minindnedit writes the same hostname for each node without any error              |                  | 12/21/2017 04:32 PM |  |
| 2771 | ndn-sci            | Task    | New         | Normal   | mock "union" search capability  |                  | 04/27/2015 09:02 AM |  |
| 4863 | PSync              | Feature | New         | Normal   | Modify Consumer to support syncing with multiple producers                        |                  | 01/02/2023 08:45 PM |  |
| 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 |  |
| 3744 | NLSR               | Feature | New         | Normal   | Modularize NLSR   | Saurab Dulal     | 12/29/2020 07:02 PM | cri-yearthree                                      |
| 2326 | named-data.net     | Feature | New         | Normal   | Monitor remaining disk space  |                  | 12/31/2016 01:08 PM |  |
| 4530 | NFD                | Feature | In Progress | Normal   | More efficient communication between threads                                      | Davide Pesavento | 08/27/2019 08:43 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 |  |
| 5318 | mini-ndn           | Feature | In Progress | Normal   | Move NFD/NLSR configuration modification to be executed internally via infoconv   | Alexander Lane   | 04/10/2024 09:35 PM |  |
| 5227 | mGuard             | Feature | New         | Normal   | Move repo interactions to a separation thread                                     |                  | 06/27/2022 04:27 AM | repo, system                                       |
| 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 |  |
| 5046 | NFD                | Feature | New         | Normal   | Multicast strategy should send an Interest on Duplicate NACK w/ a different Nonce |                  | 06/12/2020 09:14 AM |  |
| 3948 | NLSR               | Feature | New         | Normal   | Multiple network support  | Laqin Fan        | 12/29/2020 07:03 PM | cri-yeartwo  |
| 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 |  |
| 3283 | NDN Specifications | Feature | New         | Normal   | Multiple signature design   |                  | 01/13/2022 07:02 PM | needs-discussion                                   |
| 4818 | PSync              | Bug     | Code review | Normal   | murmurHash3 of uint32_t is not endian safe  | Junxiao Shi      | 01/02/2023 08:38 PM |  |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Tags             |
|------|--------------------|---------|-------------|----------|---|----------|---------------------|------------------|
| 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 |                  |
| 4666 | NDN Specifications | Feature | New         | Normal   | Namespace catalog protocol  |          | 08/26/2020 04:37 PM | needs-discussion |
| 4145 | NFD                | Feature | New         | Normal   | NDN over Wi-Fi Direct for Linux   |          | 04/25/2019 06:24 PM |                  |
| 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 |                  |
| 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 |                  |
| 3902 | ndn-tools          | Bug     | New         | Normal   | ndncatchunks with AIMD pipeline randomly hangs after transfer is complete                                 |          | 10/07/2023 09:55 PM |                  |
| 3690 | ndn-tools          | Feature | New         | Normal   | ndncatchunks: add option to write received data to a file   |          | 07/29/2016 10:02 PM |                  |
| 5034 | ndn-tools          | Feature | Code review | Normal   | ndncatchunks: enhanced tracing  |          | 10/26/2019 09:58 PM |                  |
| 4893 | ndn-tools          | Feature | New         | Normal   | ndncatchunks: have Consumer use ValidatorConfig   |          | 12/01/2023 08:43 PM | ValidatorConfig  |
| 3843 | ndn-tools          | Feature | New         | Low      | ndncatchunks: Implement throughput tracer   |          | 02/06/2019 03:37 PM |                  |
| 5156 | ndn-tools          | Bug     | New         | Normal   | ndncatchunks: m_nInFlight > 0 assertion failed when transferring large file                               |          | 04/06/2021 06:00 PM |                  |
| 4637 | ndn-tools          | Task    | New         | Normal   | ndncatchunks: use SegmentFetcher  |          | 06/07/2020 10:31 AM | code-cleanup     |
| 4977 | ndncert            | Feature | New         | Normal   | ndncert-client: non-interactive mode  |          | 09/10/2019 11:28 AM |                  |
| 4695 | ndn-tools          | Feature | New         | Normal   | ndndump: display Ethernet addresses   |          | 08/05/2018 02:59 PM |                  |
| 3243 | ndn-tools          | Feature | New         | Normal   | ndndump: follow TCP stream  |          | 08/05/2018 03:09 PM |                  |
| 1779 | repo-ng            | Task    | New         | Normal   | ndndumpfile: local dump tool  |          | 07/18/2014 10:41 PM |                  |
| 2929 | NFD                | Feature | New         | Normal   | NDNLPv2 supported feature advertisement   |          | 07/23/2016 07:56 AM |                  |
| 4765 | NFD-android        | Feature | New         | Normal   | ndnping server  |          | 09/01/2023 02:35 AM |                  |
| 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 |                  |
| 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 |                  |



| #    | Project    | Tracker | Status      | Priority | Subject   | Assignee      | Updated             | Tags             |
|------|------------|---------|-------------|----------|---|---------------|---------------------|------------------|
| 2701 | ndns       | Task    | Code review | Normal   | ndns-add-rr enables special handling for self-signed KSK                                | Jiewen Tan    | 04/15/2015 10:10 PM |                  |
| 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 |                  |
| 5111 | ndn-cxx    | Feature | New         | Normal   | ndnsec export/import: include multiple certificates in SafeBag                          |               | 06/03/2020 09:54 AM | security         |
| 4157 | ndn-cxx    | Bug     | New         | Low      | ndnsec-export: confusing error message when getpass is unavailable                      |               | 06/15/2021 06:28 PM |                  |
| 2393 | ndn-cxx    | Feature | New         | Normal   | ndnsec: update TpmLocator in PIB  |               | 06/15/2021 06:01 PM |                  |
| 3710 | ndns       | Bug     | New         | Normal   | NdnsUpdate: does not process Nack   |               | 08/04/2016 10:41 PM |                  |
| 2693 | ndn-sci    | Task    | New         | Normal   | Need to discuss journal paper   |               | 03/24/2015 01:30 PM |                  |
| 4346 | ndncert    | Feature | New         | Normal   | Need trust anchor storage support from ndn-cxx  |               | 10/18/2017 12:37 PM |                  |
| 3521 | NFD        | Feature | In Progress | Normal   | Netdev-bound faces  |               | 04/03/2021 01:17 AM |                  |
| 3824 | NFD        | Feature | New         | Normal   | NetworkRegionTable dataset  |               | 10/07/2023 09:52 PM | needs-discussion |
| 3215 | NFD        | Bug     | New         | Normal   | NFD crash with "open /dev/urandom operation failed" when reaching ulimit                |               | 08/01/2016 02:56 PM |                  |
| 5099 | NDN-CCL    | Task    | New         | Normal   | NFD socket file moved to /run/nfd.sock on Linux   |               | 04/08/2020 11:44 AM |                  |
| 4408 | NFD        | Bug     | New         | Normal   | NFD throughput using large chunk is low   |               | 01/22/2018 03:34 PM |                  |
| 3405 | ChronoChat | Feature | New         | Urgent   | nfd-android   |               | 01/11/2016 10:47 AM |                  |
| 4533 | Packaging  | Feature | Feedback    | Normal   | nfd-status-http-server: run as non-root   |               | 12/14/2023 02:25 AM | systemd          |
| 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 |                  |
| 4572 | NFD        | Feature | New         | Normal   | nfdc route add: support local+remote FaceUri matching to identify nexthop face          |               | 06/09/2021 02:12 PM |                  |
| 3677 | NFD        | Bug     | New         | Low      | nfdc status reports wrong uptime if system clock has been changed                       |               | 09/04/2017 02:18 AM |                  |
| 4492 | NFD        | Task    | New         | Normal   | nfdc XML report and nfd-status-http-server test case                                    |               | 01/14/2022 09:33 PM | unit-tests       |
| 4505 | NFD        | Feature | New         | Normal   | nfdc: TAB completion for command names  |               | 02/14/2018 05:49 PM |                  |
| 3719 | ChronoChat | Bug     | New         | Normal   | NfdConnectionChecker: does not process Nack   |               | 08/04/2016 10:57 PM |                  |
| 5132 | mini-ndn   | Task    | New         | Normal   | NLSR convergence time   |               | 03/30/2022 02:49 PM |                  |
| 4549 | NLSR       | Bug     | New         | Normal   | NLSR currently segments LSAs very conservatively  |               | 08/14/2023 11:05 AM |                  |
| 3277 | NLSR       | Feature | New         | Normal   | NLSR messages should include process ID   |               | 12/29/2020 07:02 PM | cri-yeartwo      |
| 4372 | NLSR       | Task    | Feedback    | Normal   | NLSR should be compatible with ndnSIM.  |               | 04/10/2019 09:49 AM |                  |
| 3097 | NLSR       | Feature | New         | Normal   | NLSR should handle parallel links between two nodes                                     |               | 08/12/2015 11:00 AM |                  |
| 3937 | NLSR       | Task    | New         | Normal   | NLSR should react to Face event notifications   | Saurab Dulal  | 12/29/2020 06:57 PM |                  |
| 4083 | NLSR       | Feature | In Progress | Normal   | NLSR Statistics   | Damian Coomes | 12/29/2020 07:03 PM |                  |

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee         | Updated             | Tags        |
|------|----------|---------|--------|----------|--|------------------|---------------------|-------------|
| 4126 | NLSR     | Feature | New    | Normal   | NLSR Troubleshooting Documentation   |                  | 12/29/2020 07:03 PM | cri-yearone |
| 3255 | NLSR     | Bug     | New    | Normal   | Node with old certs prevents neighbors from converging   |                  | 10/09/2015 08:19 AM |             |
| 3663 | ndn-cxx  | Feature | New    | Normal   | NotificationSubscriber: Validator  |                  | 02/12/2018 12:28 PM |             |
| 3025 | NLSR     | Feature | New    | Normal   | Obtain RouterName from NFD   |                  | 07/09/2015 05:42 PM |             |
| 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 |             |
| 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 |             |
| 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 |             |
| 2503 | NFD      | Task    | New    | Low      | Optimize usage of steady_clock::now()  |                  | 02/23/2015 09:12 PM |             |
| 5070 | NLSR     | Feature | New    | Normal   | Optionally compress the NLSR dataset   |                  | 12/29/2020 07:04 PM |             |
| 5113 | ndn-cxx  | Feature | New    | Normal   | Override certificate name parts in KeyLocator  |                  | 04/17/2022 09:44 AM | security    |
| 5269 | mGuard   | Feature | New    | Low      | Parser Time-based attribute fix  | Adam Thieme      | 08/19/2023 12:51 AM |             |
| 5137 | PSync    | Feature | New    | Normal   | PartialSync: Consumer can schedule sending sync interest before the sync interest gets expired |                  | 01/02/2023 08:33 PM |             |

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