

## Issues

| #    | Project          | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags |
|------|------------------|---------|-------------|----------|--|--------------------|---------------------|------|
| 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 |      |
| 4944 | repo-ng          | Bug     | New         | High     | ndnputfile does not work   |                    | 10/07/2023 08:49 PM |      |
| 4654 | repo-ng          | Bug     | New         | Low      | Small typos in Repo Deletion Protocol Wiki Page  |                    | 07/07/2018 08:17 AM |      |
| 4523 | repo-ng          | Task    | New         | Normal   | Add Sync support for repo  | weijia yuan        | 11/15/2018 02:29 PM |      |
| 4376 | repo-ng          | Bug     | New         | High     | ERROR: insert command failed with code 402   |                    | 11/02/2017 03:49 PM |      |
| 4375 | repo-ng          | Bug     | New         | Normal   | Unrecognized 'registration-subset' option in 'tcp_bulk_insert' section in configuration file       |                    | 11/06/2017 07:39 AM |      |
| 4374 | repo-ng          | Task    | New         | High     | Can't insert segmented data  |                    | 11/01/2017 09:33 AM |      |
| 4356 | repo-ng          | Bug     | New         | Normal   | Unrecognized 'registration-subset' option  |                    | 10/24/2017 11:17 AM |      |
| 4129 | repo-ng          | Feature | New         | Normal   | Management Dispatcher for repo commands  | Muktadir Chowdhury | 10/27/2018 12:50 PM |      |
| 3768 | repo-ng          | Feature | New         | Normal   | Storage management / quota features  |                    | 09/07/2016 07:55 AM |      |
| 3767 | repo-ng          | Feature | New         | High     | Provide option to enable prefix caching behavior   |                    | 09/07/2016 07:53 AM |      |
| 3766 | repo-ng          | Feature | New         | High     | Enable external command to trigger prefix registration with local NFD                              |                    | 06/08/2017 10:04 AM |      |
| 3320 | repo-ng          | Task    | New         | High     | Downloading with a different piplines  | inchan hwang       | 11/05/2015 03:55 AM |      |
| 3304 | repo-ng          | Task    | New         | Normal   | ndnputfile ERROR: check response timeout   |                    | 11/03/2015 05:08 AM |      |
| 2740 | repo-ng          | Bug     | New         | Normal   | repo-ng fails to connect to the nfd when the database stores a large number of content segments    |                    | 04/10/2015 12:49 PM |      |
| 2321 | repo-ng          | Bug     | New         | Normal   | Cannot ndnputfile with default configuration   |                    | 12/28/2014 06:21 AM |      |
| 1858 | repo-ng          | Task    | New         | Normal   | Client library to handle repo-ng   |                    | 08/29/2014 12:29 PM |      |
| 1829 | repo-ng          | Task    | New         | Normal   | Example producer to help testing / guide development application for watch protocol                |                    | 08/06/2014 01:38 PM |      |
| 1809 | repo-ng          | Task    | New         | Normal   | RepoSync   |                    | 07/19/2016 01:36 PM |      |
| 1783 | repo-ng          | Task    | New         | Normal   | create wiki about access control   | Weiqi Shi          | 07/24/2014 11:07 AM |      |
| 1779 | repo-ng          | Task    | New         | Normal   | ndndumpfile: local dump tool   |                    | 07/18/2014 10:41 PM |      |
| 1573 | repo-ng          | Task    | New         | Normal   | WriteHandle doesn't stop expressing Interests when FinalBlockId is present in the last Data packet |                    | 06/19/2014 08:21 PM |      |
| 1498 | repo-ng          | Task    | New         | Normal   | Command-line tool to print out names of stored data  |                    | 04/28/2014 10:07 AM |      |
| 1478 | repo-ng          | Task    | New         | Normal   | Deletion progress check  |                    | 04/28/2014 10:08 AM |      |
| 1477 | repo-ng          | Task    | New         | Normal   | Deletion of segmented data without EndBlockId  |                    | 04/14/2014 09:21 AM |      |
| 4634 | repo-ng          | Feature | In Progress | Normal   | Forwarding hint support  | weijia yuan        | 05/15/2019 03:14 PM |      |
| 1801 | repo-ng          | Task    | In Progress | Normal   | repo performance test tools: repong-put-packet repong-get-packet repong-remove-packet              | Shuo Chen          | 03/03/2015 12:00 PM |      |

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| 1695 | repo-ng | Task    | In Progress | Normal   | Repo-ng slowdown for large repo sizes  |                | 08/11/2014 08:16 AM |      |
| 5312 | PSync   | Task    | New         | Normal   | Improve handling of stale sync data/"no new update"  |                | 02/12/2024 09:02 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 |      |
| 5266 | PSync   | Bug     | New         | Normal   | Drop sync reply freshness to prevent caching-related issues  | Alexander Lane | 05/23/2023 06:32 PM |      |
| 5159 | PSync   | Task    | New         | Normal   | PartialSync: replace hello Interest/data with sync Interest/data using a special bloom filter/prefix |                | 01/02/2023 08:44 PM |      |
| 5143 | PSync   | Task    | New         | Normal   | FullSync: Append "full-sync" to sync prefix to distinguish from partial sync (/hello and /sync)      |                | 01/31/2021 09:20 AM |      |
| 5137 | PSync   | Feature | New         | Normal   | PartialSync: Consumer can schedule sending sync interest before the sync interest gets expired       |                | 01/02/2023 08:33 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 |      |
| 5072 | PSync   | Feature | New         | Normal   | Handle empty IBF   |                | 01/02/2023 08:38 PM |      |
| 5068 | PSync   | Feature | New         | Normal   | Compress IBF and Hello/Sync Data in Partial sync by default  |                | 01/02/2023 08:37 PM |      |
| 5067 | PSync   | Task    | New         | Normal   | Do not serve discovery hello/sync Interest from publisher cache                                      |                | 01/02/2023 08:36 PM |      |
| 5017 | PSync   | Feature | New         | Normal   | Set IBF size dynamically based on observation without requiring uniform IBF size                     |                | 10/09/2019 11:23 AM |      |
| 4987 | PSync   | Task    | New         | Normal   | Full consumer in PSync   |                | 08/29/2019 11:20 AM |      |
| 4899 | PSync   | Task    | New         | Normal   | Add guideline document for setting sync lifetime   |                | 03/29/2019 02:04 PM |      |
| 4867 | PSync   | Task    | New         | Normal   | FullSync: Investigate sending positive set difference during recovery instead of entire dataset      |                | 01/02/2023 08:35 PM |      |
| 4864 | PSync   | Feature | New         | Normal   | Consumer send hello and sync interest automatically  |                | 01/02/2023 08:45 PM |      |
| 4863 | PSync   | Feature | New         | Normal   | Modify Consumer to support syncing with multiple producers   |                | 01/02/2023 08:45 PM |      |
| 4850 | PSync   | Task    | New         | Normal   | Look into providing a lower layer service for syncing arbitrary names                                |                | 02/20/2019 11:32 AM |      |
| 4847 | PSync   | Feature | New         | Normal   | Call addUserNode if prefix not present in publishName  |                | 01/02/2023 08:45 PM |      |
| 4836 | PSync   | Task    | New         | Low      | Throwing exception in ProducerBase::onRegisterFailed has no effect                                   |                | 02/14/2019 11:25 AM |      |
| 4794 | PSync   | Task    | New         | Normal   | Look into using ApplicationParameters instead of Name for the IBF                                    |                | 01/09/2022 12:41 PM |      |
| 4772 | PSync   | Task    | New         | Normal   | Update our IBF when we detect future hash and renew sync interest                                    |                | 01/02/2023 08:35 PM |      |
| 4680 | PSync   | Feature | New         | Normal   | Handle recovery for application  |                | 07/24/2018 09:04 AM |      |
| 4677 | PSync   | Feature | New         | Normal   | Add simpler way for consumer to subscribe to full data set   |                | 01/02/2023 08:44 PM |      |
| 4911 | PSync   | Task    | In Progress | Low      | IBLT::listEntries should initially clear the result sets   | Junxiao Shi    | 01/19/2024 12:50 PM |      |
| 4822 | PSync   | Task    | Resolved    | Normal   | Investigate (PartialProducer + Consumer) as a replacement of FullProducer                            |                | 01/30/2019 02:26 PM |      |
| 5089 | PSync   | Feature | Code review | Normal   | FullSync: add support for piggybacking app data  | Tianxing Ma    | 01/02/2023 08:44 PM |      |
| 4818 | PSync   | Bug     | Code review | Normal   | murmurHash3 of uint32_t is not endian safe   | Junxiao Shi    | 01/02/2023 08:38 PM |      |

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| 4659 | PSync     | Task    | Code review | Normal   | Look into using newer and better hash function  | Junxiao Shi      | 01/02/2023 08:35 PM |         |
| 4554 | Packaging | Bug     | New         | Normal   | ndn-autoconfig-client: prefix registration failure  |                  | 03/23/2018 09:04 PM |         |
| 2716 | Packaging | Feature | New         | Normal   | start ndn-autoconfig client in parallel with NFD  |                  | 01/21/2018 12:00 PM |         |
| 4594 | Packaging | Task    | In Progress | Normal   | systemd service files dependency corrections for nfd and associated daemons   | Davide Pesavento | 12/14/2023 02:21 AM | systemd |
| 4533 | Packaging | Feature | Feedback    | Normal   | nfd-status-http-server: run as non-root   |                  | 12/14/2023 02:25 AM | systemd |
| 5019 | npchat    | Task    | New         | Normal   | Consider How to Share User Activity Status  |                  | 10/10/2019 02:22 PM |         |
| 4996 | npchat    | Task    | New         | Normal   | Improve Multicast Discovery   |                  | 09/02/2019 08:55 AM |         |
| 4995 | npchat    | Task    | New         | Normal   | Investigate University Network Support  |                  | 09/02/2019 08:54 AM |         |
| 4994 | npchat    | Task    | New         | Normal   | Use Discovery Protocols With Wifi Direct  |                  | 09/02/2019 08:16 AM |         |
| 4993 | npchat    | Task    | New         | Normal   | Display Information About Friendship Process On Screen  |                  | 09/02/2019 08:14 AM |         |
| 4991 | npchat    | Task    | New         | Normal   | Register One Route Instead of Multiple  |                  | 08/30/2019 01:37 PM |         |
| 4986 | npchat    | Task    | New         | Normal   | Allow User to Choose Whether or Fetch Old Files from New Friend   |                  | 08/29/2019 08:10 AM |         |
| 4963 | npchat    | Task    | New         | Normal   | Properly handle receiving multiple images from the same friend  |                  | 06/30/2019 10:46 AM |         |
| 4956 | npchat    | Task    | New         | Normal   | Create Groups   | Jeremy Clark     | 07/03/2019 01:18 PM |         |
| 4953 | npchat    | Task    | New         | Normal   | Dynamically Load Large File Data  | Jeremy Clark     | 06/07/2019 02:51 PM |         |
| 4938 | npchat    | Task    | New         | Normal   | Fix Share File Button   | Jeremy Clark     | 05/21/2019 09:13 AM |         |
| 4937 | npchat    | Task    | New         | Normal   | Update Android Identity Manager   | Ritik kumar      | 06/06/2019 10:13 AM |         |
| 4936 | npchat    | Task    | New         | Normal   | Connect to NDN Testbed  | Jeremy Clark     | 05/21/2019 09:09 AM |         |
| 4933 | npchat    | Task    | New         | Normal   | Testbed Hierarchical Rules Schema   | Ashlesh Gawande  | 05/21/2019 08:49 AM |         |
| 4888 | npchat    | Feature | Code review | Normal   | Use jNDN SegmentFetcher with AIMD pipelining to fetch the photos/files  | Ritik kumar      | 07/01/2019 02:07 PM |         |
| 5258 | NLSR      | Feature | New         | Normal   | Increase possible range of supported Hello interest intervals and related configurable values                       |                  | 04/11/2023 04:20 PM |         |
| 5152 | NLSR      | Bug     | New         | Normal   | Problem of assigning link-cost to "zero" for neighbors in Hyperbolic Routing (HR)                                   |                  | 03/01/2022 06:44 PM |         |
| 5107 | NLSR      | Task    | New         | Low      | Revisit NLSR log message  |                  | 04/25/2020 02:23 PM |         |
| 5084 | NLSR      | Task    | New         | Low      | Verify compatibility of NLSR Node with default PSync header compression versus nodes with other compression scheme. |                  | 12/29/2020 07:01 PM |         |
| 5070 | NLSR      | Feature | New         | Normal   | Optionally compress the NLSR dataset  |                  | 12/29/2020 07:04 PM |         |
| 4971 | NLSR      | Bug     | New         | Normal   | Handle uncaught throw statements in NLSR tlv code   | Saurab Dulal     | 12/30/2020 10:06 AM |         |
| 4921 | NLSR      | Feature | New         | Normal   | Change LSA prefix to /localhop/[network]/[site]/[router]/NLSR/LSA/[lsa-type]/                                       |                  | 12/29/2020 07:04 PM |         |
| 4920 | NLSR      | Task    | New         | Normal   | Set best-route strategy for LSAs  |                  | 04/21/2019 04:50 PM |         |
| 4919 | NLSR      | Bug     | New         | Normal   | Schedule hello interest after FACE_EVENT_CREATED is received  |                  | 04/21/2019 04:40 PM |         |

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| 4910 | NLSR    | Task    | New    | Normal   | Suppress sub-prefix of a hub's prefix advertised by NFD  | Saurab Dulal       | 01/14/2022 09:20 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 |             |
| 4845 | NLSR    | Task    | New    | Normal   | Separate nlsr.conf file for test in home directory   | Saurab Dulal       | 03/17/2021 02:02 PM |             |
| 4839 | NLSR    | Task    | New    | Normal   | Move setInfoInterestFilter and setLsaInterestFilter to their respective classes                                  | Saurab Dulal       | 12/29/2020 07:00 PM |             |
| 4803 | NLSR    | Task    | New    | Normal   | Abstract segment fetcher functionality in separate LSA fetcher class   |                    | 05/31/2020 10:04 AM |             |
| 4620 | NLSR    | Task    | New    | Normal   | Update NLSR Developer's guide to reflect re-built LSDB.  |                    | 05/25/2018 09:40 AM |             |
| 4561 | NLSR    | Task    | New    | Normal   | Add unit test for checking the published contents  |                    | 03/28/2018 03:13 PM |             |
| 4549 | NLSR    | Bug     | New    | Normal   | NLSR currently segments LSAs very conservatively   |                    | 08/14/2023 11:05 AM |             |
| 4541 | NLSR    | Feature | New    | Normal   | Propagate Strategy choice for a prefix through routing   |                    | 03/07/2018 02:43 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 |             |
| 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 |             |
| 4389 | NLSR    | Feature | New    | Normal   | General broadcast support  |                    | 11/21/2017 11:17 AM |             |
| 4384 | NLSR    | Task    | New    | Normal   | Use loopback interest to serve own certificate   | Muktadir Chowdhury | 11/16/2017 10:48 AM |             |
| 4373 | NLSR    | Task    | New    | Normal   | Refactor ndnSIM port to use the NLSR statistics system.  |                    | 10/31/2017 01:35 PM |             |
| 4272 | NLSR    | Task    | New    | Normal   | Implement validation of the interest from remote router and local host   |                    | 09/06/2017 08:09 AM |             |
| 4271 | NLSR    | Task    | New    | Normal   | Implement common TLV system.   |                    | 09/05/2017 01:50 PM |             |
| 4270 | NLSR    | Task    | New    | Normal   | Write tests for the common TLV system.   |                    | 09/05/2017 01:48 PM |             |
| 4269 | NLSR    | Task    | New    | Normal   | Design common TLV system.  |                    | 09/05/2017 01:50 PM |             |
| 4267 | NLSR    | Feature | New    | Normal   | Remove explicit TLV classes  |                    | 09/05/2017 01:50 PM |             |
| 4238 | NLSR    | Feature | New    | Normal   | Increase independence of RoutingTable.   |                    | 08/23/2017 02:48 PM |             |
| 4192 | NLSR    | Feature | New    | Normal   | Secure launcher for NLSR   |                    | 12/29/2020 07:03 PM | cri-yeartwo |
| 4170 | NLSR    | Feature | New    | Normal   | Use ndn-cxx Dispatcher to satisfy LSA interests.   | Laqin Fan          | 12/29/2020 07:03 PM |             |
| 4139 | NLSR    | Task    | New    | Normal   | Add explanation for the unit-tests   | Muktadir Chowdhury | 06/19/2017 10:40 AM |             |
| 4138 | NLSR    | Task    | New    | Normal   | Add Prefix Update Processor section nlsr doc   |                    | 06/19/2017 10:37 AM |             |
| 4126 | NLSR    | Feature | New    | Normal   | NLSR Troubleshooting Documentation   |                    | 12/29/2020 07:03 PM | cri-yearone |
| 4106 | NLSR    | Task    | New    | Low      | Move clobbering-check from Fib::update to Fib::scheduleEntryRefresh  |                    | 12/29/2020 06:58 PM |             |
| 4102 | NLSR    | Feature | New    | Normal   | Allow user to add or remove neighbors via nlsr   | Saurab Dulal       | 12/29/2020 07:03 PM |             |
| 4084 | NLSR    | Feature | New    | Normal   | Hello Protocol over broadcast link   |                    | 01/02/2018 01:13 PM |             |
| 3996 | NLSR    | Task    | New    | Normal   | Add Nack functionality (wherever needed) in expressInterestMethod()  |                    | 01/02/2018 02:01 PM |             |

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| 3950 | NLSR    | Task    | New         | Normal   | Use CertificateBundleFetcher instead of DirectFetcher   | Muktadir Chowdhury | 12/29/2020 06:57 PM |               |
| 3948 | NLSR    | Feature | New         | Normal   | Multiple network support  | Laqin Fan          | 12/29/2020 07:03 PM | cri-yeartwo   |
| 3937 | NLSR    | Task    | New         | Normal   | NLSR should react to Face event notifications   | Saurab Dulal       | 12/29/2020 06:57 PM |               |
| 3842 | NLSR    | Task    | New         | Normal   | Add timestamp information for LSAs in LSDB  |                    | 05/24/2017 03:54 PM |               |
| 3744 | NLSR    | Feature | New         | Normal   | Modularize NLSR   | Saurab Dulal       | 12/29/2020 07:02 PM | cri-yearthree |
| 3629 | NLSR    | Feature | New         | Low      | Distribute certificates proactively through Sync  |                    | 01/02/2018 01:18 PM |               |
| 3628 | NLSR    | Feature | New         | Normal   | External Launcher   |                    | 12/29/2020 07:02 PM | cri-yeartwo   |
| 3626 | NLSR    | Feature | New         | Normal   | Use IncomingFacelId tag to direct LSA Interests   |                    | 12/29/2020 07:02 PM |               |
| 3595 | NLSR    | Task    | New         | Normal   | Document certificate generation process   | Muktadir Chowdhury | 12/29/2020 06:57 PM | cri-yearone   |
| 3593 | NLSR    | Task    | New         | Normal   | Handle old state in Sync digest tree  |                    | 06/19/2017 01:05 PM |               |
| 3454 | NLSR    | Feature | New         | Normal   | Support NLSR to run over direct links   |                    | 02/01/2016 06:08 PM |               |
| 3413 | NLSR    | Task    | New         | Normal   | Retry LSA fetch based on SegmentFetcher failure specific error codes                          |                    | 01/14/2016 01:35 PM |               |
| 3277 | NLSR    | Feature | New         | Normal   | NLSR messages should include process ID   |                    | 12/29/2020 07:02 PM | cri-yeartwo   |
| 3255 | NLSR    | Bug     | New         | Normal   | Node with old certs prevents neighbors from converging  |                    | 10/09/2015 08:19 AM |               |
| 3254 | NLSR    | Task    | New         | Normal   | Design automated key rollover process   | Muktadir Chowdhury | 12/29/2020 06:56 PM |               |
| 3097 | NLSR    | Feature | New         | Normal   | NLSR should handle parallel links between two nodes   |                    | 08/12/2015 11:00 AM |               |
| 3065 | NLSR    | Feature | New         | Normal   | Document installation procedure from Ubuntu PPA   |                    | 07/21/2015 11:47 PM |               |
| 3025 | NLSR    | Feature | New         | Normal   | Obtain RouterName from NFD  |                    | 07/09/2015 05:42 PM |               |
| 2959 | NLSR    | Task    | New         | Normal   | Design NLSR statistics dataset  | Saurab Dulal       | 12/29/2020 06:55 PM |               |
| 2958 | NLSR    | Task    | New         | Normal   | Allow user to request NLSR statistics using NLSRC   | Saurab Dulal       | 12/29/2020 06:54 PM |               |
| 2953 | NLSR    | Task    | New         | Normal   | Implement broadcast link Hello protocol   |                    | 01/02/2018 01:16 PM |               |
| 2952 | NLSR    | Task    | New         | Normal   | Design broadcast link Hello protocol  |                    | 01/02/2018 01:07 PM |               |
| 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 |               |
| 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 |               |
| 2732 | NLSR    | Task    | New         | Normal   | Refresh Name prefixes when receiving an update Name LSA                                       | Saurab Dulal       | 12/29/2020 06:53 PM |               |
| 2647 | NLSR    | Task    | New         | Low      | Suppress routing table recalculation when Adjacency LSA is refreshed                          |                    | 12/29/2020 06:51 PM |               |
| 1813 | NLSR    | Feature | New         | Normal   | Include route flags in advertised names   |                    | 01/02/2018 01:18 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  |

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| 5265 | NLSR        | Bug     | In Progress | Low      | Drop HELLO data freshness from unnecessarily high value                          | Alexander Lane  | 05/23/2023 05:05 PM |                  |
| 4472 | NLSR        | Task    | In Progress | Normal   | Improve const-ness in codebase.  | Ryan Wickman    | 05/31/2020 10:06 AM |                  |
| 4353 | NLSR        | Task    | In Progress | Normal   | Improve LSA class hierarchy and related methods.                                 |                 | 11/03/2017 01:27 PM |                  |
| 4253 | NLSR        | Task    | In Progress | Normal   | Unit tests should be more deterministic  |                 | 08/24/2017 10:58 AM |                  |
| 4127 | NLSR        | Task    | In Progress | Normal   | Rebuild the LSDB   | Ashlesh Gawande | 01/31/2021 09:34 AM |                  |
| 4083 | NLSR        | Feature | In Progress | Normal   | NLSR Statistics  | Damian Coomes   | 12/29/2020 07:03 PM |                  |
| 2957 | NLSR        | Task    | In Progress | Normal   | Implement Statistics publisher   | Damian Coomes   | 12/29/2020 06:54 PM |                  |
| 4372 | NLSR        | Task    | Feedback    | Normal   | NLSR should be compatible with ndnSIM.   |                 | 04/10/2019 09:49 AM |                  |
| 4177 | NLSR        | Bug     | Feedback    | Normal   | Readvertise causes withdrawal of site prefix                                     | Nicholas Gordon | 12/31/2020 10:22 AM |                  |
| 4109 | NLSR        | Task    | Code review | Normal   | Replace NextHopList with a better container                                      | Laqin Fan       | 12/29/2020 06:58 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 |                  |
| 4948 | NFD-android | Bug     | New         | Normal   | Multiple screen overlapping after rotating the phone                             |                 | 09/01/2019 09:02 PM |                  |
| 4870 | NFD-android | Bug     | New         | Normal   | Persistent notification is posted when NFD is not running                        |                 | 08/24/2023 08:44 PM |                  |
| 4828 | NFD-android | Bug     | New         | Normal   | Wifi Direct Will Not Reconnect After nfd-restart Using Button Inside NFD-android |                 | 02/02/2019 11:22 AM |                  |
| 4765 | NFD-android | Feature | New         | Normal   | ndnping server   |                 | 09/01/2023 02:35 AM |                  |
| 4648 | NFD-android | Bug     | New         | Normal   | Prefix propagation does not work with app-owned certificate                      |                 | 07/05/2018 08:07 AM |                  |
| 3973 | NFD-android | Feature | New         | Normal   | Identity Manager   |                 | 02/14/2019 10:39 PM |                  |
| 3939 | NFD-android | Task    | New         | Normal   | WiFi Direct support  |                 | 02/02/2017 08:33 PM |                  |
| 3840 | NFD-android | Feature | New         | Normal   | mDNS discovery of other NFD nodes on WiFi network                                |                 | 08/26/2020 04:48 PM | needs-discussion |
| 3775 | NFD-android | Task    | New         | Normal   | Fix hard-coded private keys for prefix registrations with local NFD              |                 | 09/11/2016 01:49 PM |                  |
| 3462 | NFD-android | Feature | New         | Normal   | StrategyChoice fragment  |                 | 02/13/2019 12:49 PM |                  |
| 3457 | NFD-android | Task    | New         | Normal   | Collect and notify apps about routable prefixes                                  |                 | 02/13/2019 12:48 PM |                  |
| 3456 | NFD-android | Feature | New         | Normal   | Test coverage  |                 | 02/13/2019 12:49 PM |                  |
| 3441 | NFD-android | Feature | New         | Normal   | Channels fragment  |                 | 02/13/2019 12:48 PM |                  |
| 3425 | NFD-android | Feature | New         | Normal   | Information window about local FaceUri   |                 | 02/13/2019 12:48 PM |                  |
| 2746 | NFD-android | Feature | New         | Normal   | Allow configuration of NFD parameters  |                 | 02/13/2019 12:42 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 |                  |
| 2666 | NFD-android | Task    | New         | Normal   | Icons for navigation drawer items  |                 | 02/13/2019 12:47 PM |                  |
| 2623 | NFD-android | Task    | New         | Normal   | Extend log output settings   |                 | 02/13/2019 12:47 PM |                  |
| 2554 | NFD-android | Task    | New         | Normal   | PIB service  |                 | 02/13/2019 12:47 PM |                  |
| 2435 | NFD-android | Task    | New         | Normal   | PIT/FIB/RIB state snapshot and restore from snapshots                            |                 | 02/13/2019 12:47 PM |                  |
| 5288 | NFD         | Feature | New         | Normal   | DeadNonceList with hashtable buckets   |                 | 08/13/2023 10:14 PM | DeadNonceList    |

| #    | Project | Tracker | Status | Priority | Subject   | Assignee         | Updated             | Tags                      |
|------|---------|---------|--------|----------|---|------------------|---------------------|---------------------------|
| 5207 | NFD     | Feature | New    | Normal   | autoconfig: allow NDN-FCH service over HTTPS  |                  | 03/05/2024 04:38 PM |                           |
| 5182 | NFD     | Feature | New    | Normal   | Easier identification of the process at the other end of a UnixStream face                        | Davide Pesavento | 05/15/2022 03:01 PM |                           |
| 5175 | NFD     | Feature | New    | Normal   | Replace CityHash with a more modern hash function   |                  | 03/17/2022 11:07 AM |                           |
| 5166 | NFD     | Feature | New    | Normal   | Make DeadNonceList lifetime configurable  |                  | 08/13/2023 10:19 PM | DeadNonceList             |
| 5149 | NFD     | Bug     | New    | Normal   | Error 10060 when fetching RIB dataset: Timeout exceeded   |                  | 02/26/2021 03:25 AM |                           |
| 5141 | NFD     | Task    | New    | Low      | Investigate new clang PCH flags   |                  | 12/01/2023 07:15 PM | waf                       |
| 5091 | NFD     | Task    | New    | Low      | Switch NFD configuration file format  |                  | 08/27/2020 07:14 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          |
| 5059 | NFD     | Feature | New    | Normal   | Congestion Detection: Monitor NIC incoming buffer queue   |                  | 12/08/2023 07:16 PM | needs-discussion          |
| 5047 | NFD     | Bug     | New    | Normal   | Router should reject /localhost prefix registration   |                  | 06/12/2021 11:47 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 |                           |
| 5038 | NFD     | Feature | New    | Low      | Put netstat -s output on NFD status page  |                  | 08/24/2023 08:40 PM |                           |
| 5031 | NFD     | Feature | New    | Normal   | Make NFD work out of the box  |                  | 12/01/2023 06:56 PM | self-learning             |
| 5029 | NFD     | Feature | New    | Normal   | Self-learning forwarding strategy v2  |                  | 12/01/2023 06:58 PM | self-learning             |
| 5026 | NFD     | Task    | New    | Normal   | Self-learning: unit testing   |                  | 12/01/2023 07:04 PM | self-learning, unit-tests |
| 5023 | NFD     | Feature | New    | Normal   | Self-learning: avoid sending duplicate packets to Faces over the same physical link               |                  | 12/01/2023 07:01 PM | self-learning             |
| 5018 | NFD     | Bug     | New    | Normal   | Attach PrefixAnnouncement to Data if needed in afterContentStoreHit                               |                  | 12/01/2023 06:58 PM | self-learning             |
| 4973 | NFD     | Feature | New    | Normal   | Self-learning: switch from multicast to unicast on Wi-Fi infrastructure                           |                  | 12/01/2023 06:55 PM | self-learning             |
| 4972 | NFD     | Task    | New    | Normal   | Migrate WebSocket face to Boost.Beast   |                  | 07/27/2019 12:11 PM |                           |
| 4958 | NFD     | Feature | New    | Normal   | Implicitly determine remote LpReliability support   |                  | 08/26/2020 04:34 PM | needs-discussion          |
| 4943 | NFD     | Feature | New    | Normal   | CsMgmt: retrieve and change cache policy  |                  | 05/25/2019 03:54 PM |                           |
| 4942 | NFD     | Feature | New    | Normal   | Priority FIFO policy: adopt entries from another policy   |                  | 05/25/2019 03:45 PM |                           |
| 4941 | NFD     | Feature | New    | Normal   | LRU policy: adopt entries from another policy   |                  | 05/25/2019 03:42 PM |                           |
| 4940 | NFD     | Feature | New    | Normal   | Runtime cache policy change   |                  | 05/25/2019 03:39 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                       |
| 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                       |
| 4902 | NFD     | Feature | New    | Low      | Better logging when Interest & Data don't match   |                  | 12/01/2023 08:34 PM | logging                   |
| 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                       |
| 4857 | NFD     | Feature | New    | Normal   | Discover other NFD nodes on WiFi network using ARP  |                  | 08/26/2020 04:35 PM | needs-discussion          |

| #    | Project | Tracker | Status | Priority | Subject  | Assignee       | Updated             | Tags             |
|------|---------|---------|--------|----------|--|----------------|---------------------|------------------|
| 4829 | NFD     | Feature | New    | Normal   | Improve performance with TCMalloc  |                | 06/30/2019 09:43 PM |                  |
| 4781 | NFD     | Feature | New    | Low      | Add Adaptive Replacement Cache (ARC) algorithm                                     |                | 09/01/2023 02:33 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 |
| 4762 | NFD     | Feature | New    | Normal   | Add a new UnsolicitedDataPolicy that admits unsolicited data by prefix             |                | 01/11/2022 02:45 PM |                  |
| 4724 | NFD     | Feature | New    | Normal   | Configuration reload in RIB  |                | 08/27/2018 09:50 AM |                  |
| 4708 | NFD     | Feature | New    | Normal   | UDP faces: support toggling v4 and v6 multicast independently                      |                | 08/27/2019 08:43 PM |                  |
| 4700 | NFD     | Feature | New    | Normal   | Strategy API: trigger strategy upon face state change                              |                | 10/19/2019 12:13 PM |                  |
| 4651 | NFD     | Feature | New    | Normal   | Prefix propagation: use stored PrefixAnnouncement                                  |                | 07/05/2018 08:48 AM |                  |
| 4600 | NFD     | Feature | New    | Normal   | Redesign NFD Management protocol to use ApplicationParameters                      |                | 08/26/2020 04:38 PM | needs-discussion |
| 4574 | NFD     | Bug     | New    | Normal   | Dysfunctional test cases in Face/TestTcpFactory                                    | Alex Afanasyev | 12/13/2022 02:55 AM | unit-tests       |
| 4572 | NFD     | Feature | New    | Normal   | nfdc route add: support local+remote FaceUri matching to identify nexthop face     |                | 06/09/2021 02:12 PM |                  |
| 4539 | NFD     | Task    | New    | Normal   | Management: collect all TLV-TYPE number assignments on the same page               |                | 08/27/2019 08:39 PM |                  |
| 4531 | NFD     | Bug     | New    | Low      | NAME section is missing in HTML manpages   |                | 01/22/2023 10:19 PM |                  |
| 4529 | NFD     | Feature | New    | Normal   | Merge NFD-RIB into management thread   |                | 03/02/2018 03:25 PM |                  |
| 4505 | NFD     | Feature | New    | Normal   | nfdc: TAB completion for command names   |                | 02/14/2018 05:49 PM |                  |
| 4500 | NFD     | Feature | New    | Normal   | Improve congestion detection/marking algorithm                                     |                | 08/26/2020 04:44 PM | needs-discussion |
| 4499 | NFD     | Bug     | New    | Low      | Unbounded queuing in StreamTransport   |                | 08/26/2020 04:44 PM | needs-discussion |
| 4492 | NFD     | Task    | New    | Normal   | nfdc XML report and nfd-status-http-server test case                               |                | 01/14/2022 09:33 PM | unit-tests       |
| 4477 | NFD     | Feature | New    | Normal   | Support configuring LpReliability options  |                | 01/25/2018 02:28 PM |                  |
| 4467 | NFD     | Feature | New    | Normal   | Export GenericLinkService counters   |                | 11/04/2022 09:06 PM |                  |
| 4447 | NFD     | Feature | New    | Normal   | Provide measurements dataset for ASF strategy                                      |                | 01/09/2018 12:18 PM |                  |
| 4446 | NFD     | Feature | New    | Normal   | Measurements query operation   |                | 02/21/2018 08:56 PM |                  |
| 4408 | NFD     | Bug     | New    | Normal   | NFD throughput using large chunk is low  |                | 01/22/2018 03:34 PM |                  |
| 4400 | NFD     | Bug     | New    | Low      | EthernetFactory should destroy unusable channels                                   |                | 10/07/2023 10:02 PM |                  |
| 4387 | NFD     | Task    | New    | Low      | Use a real benchmarking library for benchmarks                                     |                | 06/07/2020 10:32 AM | code-cleanup     |
| 4363 | NFD     | Feature | New    | Normal   | Adjust Multipath Forwarding Strategy based on Congestion Marks                     |                | 12/08/2023 07:20 PM | needs-discussion |
| 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              |
| 4317 | NFD     | Feature | New    | Normal   | Content Store enumeration  |                | 10/01/2017 09:26 PM |                  |
| 4298 | NFD     | Feature | New    | Normal   | Add some random jitter to probing interval in ASF strategy                         |                | 02/02/2024 11:10 PM | ASF              |
| 4281 | NFD     | Feature | New    | Normal   | Develop self-learning for broadcast and ad hoc wireless faces                      |                | 12/01/2023 07:00 PM | self-learning    |



| #    | Project | Tracker | Status | Priority | Subject   | Assignee | Updated             | Tags             |
|------|---------|---------|--------|----------|---|----------|---------------------|------------------|
| 4210 | NFD     | Bug     | New    | Low      | Documentation is not mobile friendly  |          | 10/07/2023 09:57 PM | documentation    |
| 4166 | NFD     | Feature | New    | Normal   | autoconfig: consider ad hoc wireless faces  |          | 01/25/2018 02:09 PM |                  |
| 4165 | NFD     | Bug     | New    | Normal   | autoconfig daemon mode: dampening mechanism may cause starvation                                |          | 07/05/2017 11:04 PM |                  |
| 4148 | NFD     | Feature | New    | Normal   | Add Bluetooth RFCOMM face   |          | 01/23/2020 02:56 PM |                  |
| 4145 | NFD     | Feature | New    | Normal   | NDN over Wi-Fi Direct for Linux   |          | 04/25/2019 06:24 PM |                  |
| 4115 | NFD     | Bug     | New    | Low      | FaceManager doesn't reject attempts to destroy "reserved" faces                                 |          | 02/03/2018 09:02 PM |                  |
| 4113 | NFD     | Feature | New    | Normal   | Use auto-detected "ad hoc" attribute to create faces  |          | 10/17/2017 01:23 PM |                  |
| 4056 | NFD     | Feature | New    | Normal   | Allow strategy to choose delegation name from forwarding hint                                   |          | 04/19/2017 04:50 PM |                  |
| 4026 | NFD     | Feature | New    | Normal   | FaceSystem: use fine-grained signals from NetworkMonitor  |          | 10/17/2017 01:22 PM |                  |
| 3970 | NFD     | Bug     | New    | Low      | Improve face_system error message when a ProtocolFactory is disabled                            |          | 02/19/2017 09:18 AM |                  |
| 3945 | NFD     | Feature | New    | Normal   | DeadNonceList counters  |          | 06/30/2021 10:11 PM | DeadNonceList    |
| 3895 | NFD     | Task    | New    | Normal   | Write a style file for clang-format   |          | 12/20/2022 02:19 AM | needs-discussion |
| 3889 | NFD     | Bug     | New    | Normal   | Retransmission suppression is too aggressive  |          | 08/25/2017 01:09 PM |                  |
| 3887 | NFD     | Feature | New    | Normal   | Available strategies dataset  |          | 12/12/2016 09:00 PM |                  |
| 3862 | NFD     | Task    | New    | Normal   | Investigate unordered CS  |          | 12/04/2018 11:42 PM |                  |
| 3831 | NFD     | Feature | New    | Normal   | Add RIB routes for automatically created permanent faces  |          | 10/28/2016 09:51 AM |                  |
| 3830 | NFD     | Task    | New    | Normal   | Make ASF strategy tests predictable   |          | 02/02/2024 11:15 PM | ASF, unit-tests  |
| 3824 | NFD     | Feature | New    | Normal   | NetworkRegionTable dataset  |          | 10/07/2023 09:52 PM | needs-discussion |
| 3807 | NFD     | Task    | New    | Normal   | Content store profiling   |          | 10/07/2023 09:51 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 |                  |
| 3677 | NFD     | Bug     | New    | Low      | nfdc status reports wrong uptime if system clock has been changed                               |          | 09/04/2017 02:18 AM |                  |
| 3482 | NFD     | Task    | New    | Normal   | Document expected packet processing performance   |          | 10/07/2023 09:47 PM | documentation    |
| 3476 | NFD     | Task    | New    | Normal   | Design NFD instrumentation  |          | 03/15/2019 11:17 AM |                  |
| 3465 | NFD     | Feature | New    | Normal   | Extend client auto-configuration stages to include mDNS/DNS-SD                                  |          | 08/26/2020 04:52 PM | needs-discussion |
| 3420 | NFD     | Feature | New    | Normal   | best-route: return Nack if nexthops are DOWN  |          | 01/19/2016 03:48 PM |                  |
| 3382 | NFD     | Bug     | New    | Normal   | nfd.conf.sample has face_system.unix section when compiled without Unix sockets support         |          | 06/11/2021 03:50 PM |                  |
| 3369 | NFD     | Task    | New    | Normal   | EthernetTransport: test suite improvement   |          | 11/07/2018 10:28 PM | unit-tests       |
| 3361 | NFD     | Feature | New    | Normal   | FIB/PIT/CS/Measurements: erase by iterator  |          | 02/01/2017 02:20 PM |                  |
| 3333 | NFD     | Feature | New    | Normal   | Design Interest digest  |          | 08/26/2020 04:52 PM | needs-discussion |
| 3261 | NFD     | Task    | New    | Normal   | App-developer oriented docs summarizing autoconfiguration steps                                 |          | 10/07/2023 09:40 PM | documentation    |

| #    | Project | Tracker | Status | Priority | Subject  | Assignee | Updated             | Tags          |
|------|---------|---------|--------|----------|--|----------|---------------------|---------------|
| 3219 | NFD     | Bug     | New    | Normal   | AccessStrategy measurements ineffective for NDN-RTC traffic                                |          | 07/06/2016 01:49 PM |               |
| 3215 | NFD     | Bug     | New    | Normal   | NFD crash with "open /dev/urandom operation failed" when reaching ulimit                   |          | 08/01/2016 02:56 PM |               |
| 3163 | NFD     | Feature | New    | Normal   | Insert to CS with forwarding hint  |          | 08/06/2017 08:01 AM |               |
| 3162 | NFD     | Feature | New    | Normal   | PIT: index with forwarding hint  |          | 08/06/2017 08:00 AM |               |
| 3161 | NFD     | Feature | New    | Normal   | CS: partition by forwarding hint   |          | 08/06/2017 07:57 AM |               |
| 3145 | NFD     | Feature | New    | Normal   | Collect and publish routable-prefixes  |          | 01/23/2018 11:22 PM |               |
| 3143 | NFD     | Feature | New    | Normal   | Discover RIB management prefix of connected gateway router                                 |          | 01/23/2018 11:25 PM |               |
| 3142 | NFD     | Feature | New    | Normal   | Configurable top-level prefixes for NFD-RIB  |          | 11/05/2019 09:16 AM |               |
| 3141 | NFD     | Feature | New    | Normal   | Configurable top-level prefixes for NFD management   |          | 08/28/2015 03:41 PM |               |
| 3049 | NFD     | Feature | New    | Normal   | RouterName configuration option  |          | 08/17/2015 08:01 PM |               |
| 3031 | NFD     | Feature | New    | Normal   | Display RouterName on HTTP status page   |          | 08/25/2015 07:55 AM |               |
| 3030 | NFD     | Feature | New    | Normal   | Display RouterName in 'nfdc status show'   |          | 07/23/2017 06:29 AM |               |
| 3029 | NFD     | Feature | New    | Normal   | Publish RouterName in ForwarderStatus  |          | 08/17/2015 08:03 PM |               |
| 3027 | NFD     | Feature | New    | Normal   | ForwarderStatus: RouterName  |          | 08/21/2015 08:04 AM |               |
| 2929 | NFD     | Feature | New    | Normal   | NDNLPv2 supported feature advertisement  |          | 07/23/2016 07:56 AM |               |
| 2856 | NFD     | Feature | New    | Normal   | Confine registered prefix within identity  |          | 06/06/2015 09:37 AM |               |
| 2747 | NFD     | Feature | New    | Normal   | Make StreamFace processing time constant regardless of object size                         |          | 06/11/2021 03:50 PM |               |
| 2626 | NFD     | Bug     | New    | Normal   | CS lookup takes long time if Interest Name covers many entries                             |          | 01/23/2018 11:23 PM |               |
| 2592 | NFD     | Bug     | New    | Normal   | Ineffective duplicate suppression for satisfied Interest                                   |          | 06/30/2021 10:10 PM | DeadNonceList |
| 2581 | NFD     | Bug     | New    | Low      | Detecting compiler support for -Wno-foo is unreliable                                      |          | 01/20/2024 12:24 AM | waf           |
| 2551 | NFD     | Feature | New    | Normal   | PIT refresh between neighbors  |          | 05/08/2019 08:55 AM |               |
| 2503 | NFD     | Task    | New    | Low      | Optimize usage of steady_clock::now()  |          | 02/23/2015 09:12 PM |               |
| 2459 | NFD     | Bug     | New    | Normal   | ndn-autoconfig (daemon mode): non-deterministic timeouts for DNS resolution                |          | 07/07/2017 01:54 AM |               |
| 2401 | NFD     | Feature | New    | Normal   | Register RIB command prefixes using FibUpdater   |          | 01/20/2015 09:22 PM |               |
| 2394 | NFD     | Feature | New    | Normal   | WebSocketChannel: configurable list of endpoints to bind to                                |          | 02/14/2019 09:50 PM |               |
| 2174 | NFD     | Bug     | New    | Normal   | Multiple register prefix gives NFD error "request timed out (code: 10060)"                 |          | 11/19/2014 07:07 AM |               |
| 2010 | NFD     | Task    | New    | Normal   | RIB cost guidelines  |          | 10/31/2014 02:26 PM |               |
| 2000 | NFD     | Task    | New    | Normal   | Composable strategy building blocks  |          | 04/28/2020 10:15 PM |               |
| 1973 | NFD     | Task    | New    | Normal   | Build tarball and upload to website  |          | 11/04/2019 02:56 PM |               |
| 1966 | NFD     | Bug     | New    | Normal   | Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression |          | 01/08/2021 10:37 AM |               |

| #    | Project | Tracker | Status      | Priority | Subject  | Assignee             | Updated             | Tags             |
|------|---------|---------|-------------|----------|--|----------------------|---------------------|------------------|
| 1698 | NFD     | Feature | New         | Normal   | Queuing FIB updates generated as a response to different RIB updates   |                      | 01/23/2018 11:25 PM |                  |
| 1672 | NFD     | Feature | New         | Low      | UnixSeqPacketTransport   |                      | 11/04/2019 02:57 PM |                  |
| 1603 | NFD     | Feature | New         | Low      | Support traditional SysV-style daemon initialization scheme  |                      | 06/11/2021 03:49 PM |                  |
| 1447 | NFD     | Task    | New         | Normal   | Replace std::list with std::unordered_map for similar Interests in NameTree entry                                  |                      | 11/04/2019 02:55 PM |                  |
| 1301 | NFD     | Feature | New         | Low      | Shrink table size during memory stress   |                      | 02/16/2018 08:18 AM |                  |
| 1293 | NFD     | Task    | New         | Normal   | Reserve buffer space when receiving packets on all faces   |                      | 11/14/2014 01:23 PM |                  |
| 5277 | NFD     | Feature | In Progress | Normal   | Remove persistent faces  | Junxiao Shi          | 01/18/2024 02:09 AM |                  |
| 5120 | NFD     | Feature | In Progress | Normal   | Increase responsiveness of ASF strategy in mobile network scenarios  | Alexander Lane       | 05/25/2023 07:39 PM | ASF              |
| 4530 | NFD     | Feature | In Progress | Normal   | More efficient communication between threads   | Davide Pesavento     | 08/27/2019 08:43 PM |                  |
| 4528 | NFD     | Feature | In Progress | Normal   | Management thread  | Davide Pesavento     | 09/12/2020 02:25 PM |                  |
| 4193 | NFD     | Feature | In Progress | Normal   | Make ASF strategy less sensitive to timeouts   |                      | 02/02/2024 11:08 PM | ASF              |
| 3521 | NFD     | Feature | In Progress | Normal   | Netdev-bound faces   |                      | 04/03/2021 01:17 AM |                  |
| 3377 | NFD     | Task    | In Progress | Low      | FaceManager: test suite improvement  |                      | 11/04/2022 08:59 PM | unit-tests       |
| 3352 | NFD     | Feature | In Progress | Normal   | Set transport state UP/DOWN based on the state of the underlying network interface                                 |                      | 09/07/2022 09:10 AM |                  |
| 3325 | NFD     | Task    | In Progress | Normal   | Improve FaceDataset and GeneralStatusDataset tests   |                      | 11/04/2022 08:58 PM | unit-tests       |
| 5278 | NFD     | Feature | Feedback    | Normal   | Delegate sending Nack-Duplicate to forwarding strategy   | Mark Theeranantachai | 02/15/2024 05:45 PM |                  |
| 4871 | NFD     | Feature | Feedback    | Normal   | autoconfig: try multiple routers from NDN-FCH  |                      | 12/01/2023 06:54 PM | needs-discussion |
| 4731 | NFD     | Task    | Feedback    | Low      | RIB: deduplicate RibManager::FaceIdSet and Rib::FaceLookupTable  |                      | 04/03/2021 01:14 AM | code-cleanup     |
| 4650 | NFD     | Feature | Feedback    | Normal   | Accept and store PrefixAnnouncement in rib/announce command  |                      | 08/19/2023 01:55 AM |                  |
| 3567 | NFD     | Task    | Feedback    | Normal   | Face system benchmark  |                      | 10/07/2023 09:50 PM |                  |
| 3000 | NFD     | Feature | Feedback    | Normal   | Design mobility with forwarding hint   |                      | 02/03/2018 09:05 PM |                  |
| 1282 | NFD     | Feature | Feedback    | Normal   | Design duplicate suppression on multicast face   |                      | 04/09/2020 02:44 PM |                  |
| 5273 | ndnSIM  | Bug     | New         | Normal   | Duplicated commands of AddRoute and RemoveRoute do not modify FIB  | Mark Theeranantachai | 07/17/2023 12:12 PM |                  |
| 5028 | ndnSIM  | Feature | New         | Urgent   | Get the list of nodes and associated links inside fw/strategy.   | Alex Afanasyev       | 10/14/2019 11:06 AM |                  |
| 5002 | ndnSIM  | Bug     | New         | Normal   | topologyReader.ApplyOspfMetric() doesn't work unless ndn::StackHelper is installed                                 |                      | 09/18/2019 01:54 PM |                  |
| 4738 | ndnSIM  | Task    | New         | Normal   | Make ndnSIM compatible with base NS-3 and publish on <a href="https://apps.nsnam.org/">https://apps.nsnam.org/</a> |                      | 03/28/2019 06:26 PM |                  |
| 4733 | ndnSIM  | Task    | New         | Normal   | Update face metric based on link latency   | Chavoosh Ghasemi     | 09/12/2018 03:04 PM |                  |
| 4608 | ndnSIM  | Task    | New         | Normal   | Remove "old" content store   |                      | 05/08/2018 11:56 AM |                  |

| #    | Project | Tracker | Status   | Priority | Subject   | Assignee          | Updated             | Tags |
|------|---------|---------|----------|----------|---|-------------------|---------------------|------|
| 4371 | ndnSIM  | Task    | New      | Normal   | Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx)  |                   | 05/08/2018 10:49 AM |      |
| 4320 | ndnSIM  | Task    | New      | Normal   | assign custom colors, description on NDN based nodes  |                   | 05/08/2018 10:50 AM |      |
| 4142 | ndnSIM  | Task    | New      | High     | Addition of a new field to interest and data packet   | Alex Afanasyev    | 05/08/2018 10:48 AM |      |
| 4040 | ndnSIM  | Task    | New      | Normal   | Example WiFi scenarios should disable NACK generation   | Spyros Mastorakis | 05/08/2018 10:56 AM |      |
| 4022 | ndnSIM  | Task    | New      | Normal   | multicast strategy does not work in AnnotatedTopologyReader   | Alex Afanasyev    | 05/08/2018 10:48 AM |      |
| 3999 | ndnSIM  | Feature | New      | Normal   | Give an example on how to create custom tags  |                   | 05/08/2018 10:55 AM |      |
| 3656 | ndnSIM  | Bug     | New      | Normal   | Python bindings enumeration for old-style content store   |                   | 05/08/2018 10:55 AM |      |
| 3557 | ndnSIM  | Bug     | New      | Normal   | Problem in generating the graphs pdf files for ndnSIM-ddos-interest-flooding project                                |                   | 11/10/2016 11:40 AM |      |
| 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 |      |
| 3175 | ndnSIM  | Bug     | New      | Normal   | ImportError: No module named doxygen  |                   | 09/07/2015 12:22 PM |      |
| 3129 | ndnSIM  | Feature | New      | Normal   | Replace or abstract random number generation with NS-3 facilities   |                   | 05/08/2018 10:53 AM |      |
| 3121 | ndnSIM  | Task    | New      | Normal   | Update FibHelper to use RIB management  |                   | 05/08/2018 10:53 AM |      |
| 2849 | ndnSIM  | Bug     | New      | Normal   | Correct license boilerplate to indicate correct license (with reference to LICENSE file in the root of the project) |                   | 08/01/2016 02:00 PM |      |
| 2824 | ndnSIM  | Bug     | New      | Normal   | Typo in documentation (git clone commands)  | Spyros Mastorakis | 08/21/2015 06:51 PM |      |
| 2765 | ndnSIM  | Bug     | New      | Normal   | Incompatible licenses between ns-3 and ndnSIM   |                   | 04/22/2015 10:14 AM |      |
| 2557 | ndnSIM  | Task    | New      | Normal   | Create examples using UDP faces.  |                   | 05/08/2018 10:52 AM |      |
| 2538 | ndnSIM  | Task    | New      | Normal   | Figure out whether there are memory leaks in ndnSIM.  |                   | 05/08/2018 10:52 AM |      |
| 2446 | ndnSIM  | Bug     | New      | Normal   | ndn-test: segfault in ndn::time::system_clock::now() called by L3Protocol::initializeManagement                     |                   | 08/05/2015 08:54 PM |      |
| 2371 | ndnSIM  | Task    | New      | Normal   | Port TcpFace and UdpFace to the new code base   |                   | 02/01/2016 06:04 PM |      |
| 4557 | ndnSIM  | Task    | Feedback | Normal   | Upgrade base NS-3 to just released ns-3.28  | Alex Afanasyev    | 05/08/2018 11:02 AM |      |
| 5101 | NDNSD   | Task    | New      | Normal   | NDNSD Design  |                   | 04/13/2020 09:13 PM |      |
| 5203 | ndns    | Feature | New      | Normal   | Accommodate certificate name in KeyLocator  |                   | 05/04/2022 01:59 PM |      |
| 4344 | ndns    | Task    | New      | High     | NsCache in IterativeQueryController Need to check FreshnessPeriod before using cached data                          |                   | 10/17/2017 06:53 AM |      |
| 4153 | ndns    | Task    | New      | Normal   | Add Cache resolver for NDNS   |                   | 06/25/2017 01:38 AM |      |
| 4151 | ndns    | Task    | New      | Normal   | Add certificate fetcher for both NDNS stored-certificate and NDNS certificate                                       |                   | 06/25/2017 01:20 AM |      |
| 3906 | ndns    | Task    | New      | High     | Rewrite ManagementTool's ListZone method  |                   | 12/30/2016 10:12 PM |      |
| 3905 | ndns    | Task    | New      | Normal   | Refactory ndns-update and ndns-add-rr   |                   | 12/30/2016 02:56 PM |      |
| 3710 | ndns    | Bug     | New      | Normal   | NdnsUpdate: does not process Nack   |                   | 08/04/2016 10:41 PM |      |
| 3709 | ndns    | Bug     | New      | Normal   | IterativeQueryController: does not process Nack   |                   | 08/04/2016 10:41 PM |      |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee        | Updated             | Tags |
|------|---------|---------|-------------|----------|---|-----------------|---------------------|------|
| 2590 | ndns    | Bug     | New         | Normal   | NameServer/UpdateValidatorFetchCert incorrect usage of Signal                           |                 | 03/26/2015 12:59 PM |      |
| 2245 | ndns    | Task    | New         | Low      | Web interface to manage NDNS database   |                 | 11/30/2014 09:54 PM |      |
| 2187 | ndns    | Task    | In Progress | Normal   | remove RRs on name server when the DSK which signs those RRs are removed.               | Shock Jiang     | 03/26/2015 12:20 PM |      |
| 1965 | ndns    | Task    | In Progress | Normal   | Extend documentation  | Shock Jiang     | 11/26/2014 12:24 AM |      |
| 2701 | ndns    | Task    | Code review | Normal   | ndns-add-rr enables special handling for self-signed KSK                                | Jiewen Tan      | 04/15/2015 10:10 PM |      |
| 2229 | ndns    | Task    | Code review | Normal   | Combine ndns-add-rr and ndns-add-rr-from-file to a single command                       | Jiewen Tan      | 03/20/2015 06:15 PM |      |
| 2228 | ndns    | Task    | Code review | Normal   | ndns-add-rr: Report status of the command   | Jiewen Tan      | 03/26/2015 12:41 AM |      |
| 2224 | ndns    | Task    | Code review | Normal   | tools: ndns-remove-rr   | Jiewen Tan      | 03/26/2015 01:06 AM |      |
| 5088 | ndnrtc  | Task    | New         | High     | NDNRTC support on Ubuntu 18.04  |                 | 03/04/2020 12:44 PM |      |
| 3555 | ndnrtc  | Bug     | New         | Normal   | Fix "phantom user" in discovery list  | Zhehao Wang     | 03/16/2016 03:08 PM |      |
| 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 |      |
| 3541 | ndnrtc  | Task    | New         | Normal   | [ndnrtc] Increased latency after rebuffering  | Peter Gusev     | 03/10/2016 03:53 PM |      |
| 3537 | ndnrtc  | Task    | New         | Normal   | [ndncon] Memory footprint grows over long runs for publishers                           | Peter Gusev     | 03/09/2016 05:40 PM |      |
| 3536 | ndnrtc  | Task    | New         | Normal   | [ndncon] Crashes when leaving/joining chat  | Peter Gusev     | 03/09/2016 05:38 PM |      |
| 3535 | ndnrtc  | Task    | New         | Normal   | [ndncon] Crashes when stop publishing audio   | Peter Gusev     | 03/09/2016 05:37 PM |      |
| 3534 | ndnrtc  | Task    | New         | Normal   | [ndncon/ndnrtc] Bugfixing and optimization  |                 | 03/15/2016 06:17 PM |      |
| 3529 | ndnrtc  | Task    | New         | Normal   | [ndnrtc-oj] Ingest current consumer state   | Peter Gusev     | 03/09/2016 05:22 PM |      |
| 3527 | ndnrtc  | Task    | New         | Normal   | [ndnrtc-oj] Implement NDN-RTC metric ingestion into Operational Intelligence tool       | Peter Gusev     | 03/15/2016 06:22 PM |      |
| 3516 | ndnrtc  | Task    | New         | Normal   | Decrease conversational latency perceived by users                                      | Peter Gusev     | 03/07/2016 09:15 AM |      |
| 3488 | ndnrtc  | Feature | New         | Normal   | Incorporate ARC detection into master branch  | Peter Gusev     | 03/04/2016 03:17 PM |      |
| 3481 | ndnrtc  | Feature | New         | Normal   | Test NDN-RTC performance in Mini-NDN  | Ashlesh Gawande | 12/21/2017 11:19 AM |      |
| 3477 | ndnrtc  | Feature | New         | Normal   | Silence Suppression   | Peter Gusev     | 03/04/2016 04:05 PM |      |
| 3473 | ndnrtc  | Bug     | New         | Normal   | [NdnCon] chatroom message scroll position not preserved upon maximize                   |                 | 02/24/2016 03:16 PM |      |
| 3250 | ndnrtc  | Bug     | New         | Normal   | [NdnCon] crash after entering very long username  |                 | 10/08/2015 01:49 PM |      |
| 3247 | ndnrtc  | Bug     | New         | Normal   | [NdnCon] crash after stop publishing  |                 | 10/07/2015 03:09 PM |      |
| 3245 | ndnrtc  | Bug     | New         | Normal   | [NdnCon] segfault after adding two threads with same names to an audio stream           |                 | 10/07/2015 01:43 PM |      |
| 3244 | ndnrtc  | Bug     | New         | Low      | [NdnCon] media streams preference: FreshnessPeriod label displays incompletely          |                 | 10/07/2015 01:26 PM |      |
| 3242 | ndnrtc  | Bug     | New         | Normal   | [NdnCon] fail to discover chatrooms with tpm-file                                       |                 | 10/07/2015 11:33 AM |      |
| 2710 | ndnrtc  | Feature | New         | Normal   | [NdnCon] Volume control   | Peter Gusev     | 03/30/2015 09:42 AM |      |

| #    | Project | Tracker | Status   | Priority | Subject   | Assignee    | Updated             | Tags |
|------|---------|---------|----------|----------|---|-------------|---------------------|------|
| 2703 | ndnrtc  | Bug     | New      | High     | [NdnCon] Make possible to choose different than system audio input. |             | 04/01/2015 11:32 PM |      |
| 2685 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Multi-party conferencing instructions                      |             | 03/23/2015 12:32 PM |      |
| 2683 | ndnrtc  | Feature | New      | High     | [NdnCon] Edit media threads on-the-fly                              |             | 03/23/2015 12:43 PM |      |
| 2682 | ndnrtc  | Feature | New      | High     | [NdnCon] Stream consuming indication                                |             | 03/23/2015 12:42 PM |      |
| 2678 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Full screen video  | Peter Gusev | 03/23/2015 12:21 PM |      |
| 2676 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Default to FaceTime camera                                 | Peter Gusev | 03/23/2015 12:19 PM |      |
| 2675 | ndnrtc  | Bug     | New      | Normal   | [NdnCon] Live statistics on publisher                               | Peter Gusev | 03/23/2015 12:17 PM |      |
| 2674 | ndnrtc  | Feature | New      | High     | [NdnCon] UX/UI design   |             | 10/31/2016 03:33 PM |      |
| 2656 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Statistics window defaults to video stream                 | Peter Gusev | 03/23/2015 12:11 PM |      |
| 2655 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Make specifying user prefix and name easier                | Peter Gusev | 03/23/2015 12:12 PM |      |
| 1845 | ndnrtc  | Feature | New      | Normal   | WebRTC compilation against clang/libc++ on OSX 10.9 (mavericks)     |             | 08/11/2014 07:42 PM |      |
| 1844 | ndnrtc  | Bug     | New      | Normal   | Compilation in C++11 mode broken                                    | Peter Gusev | 08/14/2014 10:42 PM |      |
| 3549 | ndnrtc  | Task    | Resolved | Normal   | Prep for March 16 seminar   | Peter Gusev | 10/31/2016 03:52 PM |      |
| 3526 | ndnrtc  | Task    | Resolved | Normal   | March 10 NDN-RTC test   | Peter Gusev | 10/31/2016 04:02 PM |      |
| 3486 | ndnrtc  | Task    | Resolved | Normal   | Scripts to log NFD counters across testbed during runs              | Peter Gusev | 10/31/2016 03:42 PM |      |
| 3485 | ndnrtc  | Task    | Resolved | Normal   | Prep for March 2 seminar with NDN-RTC                               | Peter Gusev | 10/31/2016 04:04 PM |      |
| 3483 | ndnrtc  | Feature | Resolved | Normal   | Summarize results of performance testing to date                    |             | 10/31/2016 03:39 PM |      |
| 3246 | ndnrtc  | Bug     | Resolved | Normal   | [NdnCon] cannot quit from Dock during fetching                      |             | 10/31/2016 03:36 PM |      |
| 2708 | ndnrtc  | Bug     | Resolved | Normal   | [NdnCon] CPU load improvements                                      |             | 10/31/2016 03:32 PM |      |
| 2706 | ndnrtc  | Feature | Resolved | Normal   | [NdnCon] Check stream status updates                                |             | 10/31/2016 03:31 PM |      |
| 2689 | ndnrtc  | Feature | Resolved | High     | [NdnCon] Status for fetching audio streams.                         |             | 10/31/2016 03:30 PM |      |
| 2688 | ndnrtc  | Bug     | Resolved | High     | [NdnCon] Adding new user  |             | 10/31/2016 03:30 PM |      |
| 2687 | ndnrtc  | Feature | Resolved | High     | [NdnCon] Make "Start publishing" function more obvious              | Peter Gusev | 10/31/2016 03:29 PM |      |
| 2684 | ndnrtc  | Feature | Resolved | Normal   | [NdnCon] Mute/unmute media streams                                  |             | 02/28/2016 08:40 AM |      |
| 2681 | ndnrtc  | Feature | Resolved | Normal   | [NdnCon] UI performance issues                                      |             | 10/31/2016 03:28 PM |      |
| 2679 | ndnrtc  | Feature | Resolved | Normal   | [NdnCon] More space for the video                                   |             | 10/31/2016 03:28 PM |      |
| 4977 | ndncert | Feature | New      | Normal   | ndncert-client: non-interactive mode                                |             | 09/10/2019 11:28 AM |      |
| 4976 | ndncert | Task    | New      | Low      | Add unit tests for command line tools                               |             | 11/22/2021 11:57 PM |      |
| 4348 | ndncert | Task    | New      | Normal   | Get rid of the long term storage assumption from NDN CERT CA design |             | 03/15/2018 03:02 AM |      |
| 4346 | ndncert | Feature | New      | Normal   | Need trust anchor storage support from ndn-cxx                      |             | 10/18/2017 12:37 PM |      |
| 4043 | ndncert | Task    | New      | Normal   | Infinite size issue of CA's storage                                 |             | 04/11/2017 03:21 PM |      |
| 4042 | ndncert | Task    | New      | Normal   | Expand scope of PROBE to support more than namespace assignment     |             | 06/02/2022 02:32 PM |      |

| #    | Project   | Tracker | Status      | Priority  | Subject  | Assignee         | Updated             | Tags               |
|------|-----------|---------|-------------|-----------|--|------------------|---------------------|--------------------|
| 3994 | ndncert   | Task    | New         | Normal    | Add validator instance for each CA   |                  | 03/13/2017 12:47 PM |                    |
| 5243 | ndn-tools | Bug     | New         | Normal    | Goodput is zero on ARMv7   |                  | 10/04/2022 04:58 PM |                    |
| 5156 | ndn-tools | Bug     | New         | Normal    | ndncatchunks: m_nInFlight > 0 assertion failed when transferring large file          |                  | 04/06/2021 06:00 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   |
| 4893 | ndn-tools | Feature | New         | Normal    | ndncatchunks: have Consumer use ValidatorConfig                                      |                  | 12/01/2023 08:43 PM | ValidatorConfig    |
| 4866 | ndn-tools | Bug     | New         | Normal    | ndnputchunks consumes a large amount of RAM  |                  | 01/27/2020 02:45 PM |                    |
| 4820 | ndn-tools | Feature | New         | Normal    | Wireshark dissector: follow TCP stream   |                  | 01/28/2019 10:29 AM |                    |
| 4798 | ndn-tools | Bug     | New         | Low       | Dump/TestNdnDump/MalformedIpv4Header fails on FreeBSD 11.2                           |                  | 10/31/2023 11:57 PM | FreeBSD            |
| 4695 | ndn-tools | Feature | New         | Normal    | ndndump: display Ethernet addresses  |                  | 08/05/2018 02:59 PM |                    |
| 4637 | ndn-tools | Task    | New         | Normal    | ndncatchunks: use SegmentFetcher   |                  | 06/07/2020 10:31 AM | code-cleanup       |
| 4518 | ndn-tools | Feature | New         | Normal    | Wireshark dissector: don't interpret name components as elements denoted by TLV-TYPE |                  | 04/23/2020 01:11 PM | Packet03Transition |
| 3902 | ndn-tools | Bug     | New         | Normal    | ndncatchunks with AIMD pipeline randomly hangs after transfer is complete            |                  | 10/07/2023 09:55 PM |                    |
| 3867 | ndn-tools | Task    | New         | Normal    | autoconfig: move from NFD repository   | Davide Pesavento | 02/17/2019 03:58 PM |                    |
| 3843 | ndn-tools | Feature | New         | Low       | ndncatchunks: Implement throughput tracer  |                  | 02/06/2019 03:37 PM |                    |
| 3690 | ndn-tools | Feature | New         | Normal    | ndncatchunks: add option to write received data to a file                            |                  | 07/29/2016 10:02 PM |                    |
| 3243 | ndn-tools | Feature | New         | Normal    | ndndump: follow TCP stream   |                  | 08/05/2018 03:09 PM |                    |
| 3198 | ndn-tools | Feature | New         | Normal    | Wireshark dissector: NDNLv2 reassembly   |                  | 09/11/2015 05:40 PM |                    |
| 2794 | ndn-tools | Task    | New         | Low       | ping: improve the accuracy of stddev computation                                     |                  | 05/07/2015 11:00 AM |                    |
| 4590 | ndn-tools | Feature | Feedback    | Normal    | dissect: recognize NDNLv2 and Packet Format 0.3 elements                             |                  | 10/10/2019 09:25 AM | Packet03Transition |
| 3197 | ndn-tools | Feature | Feedback    | Normal    | Wireshark dissector: NDNLv2  |                  | 11/23/2016 06:43 AM |                    |
| 5034 | ndn-tools | Feature | Code review | Normal    | ndncatchunks: enhanced tracing   |                  | 10/26/2019 09:58 PM |                    |
| 4851 | ndn-tools | Feature | Code review | Normal    | chunks: integrate NAC  |                  | 02/20/2024 02:55 AM |                    |
| 4486 | ndn-sci   | Task    | New         | Normal    | NDN Performance evaluation for scientific data - request for comments                |                  | 02/02/2018 03:04 PM |                    |
| 3193 | ndn-sci   | Task    | New         | Immediate | Add a metadata field in the Database   |                  | 09/09/2015 06:45 PM |                    |
| 3191 | ndn-sci   | Bug     | New         | Normal    | onQueryResultsInterest does not handle cache miss                                    | Chengyu Fan      | 09/08/2015 03:04 PM |                    |
| 3190 | ndn-sci   | Bug     | New         | Normal    | catalog ID should be based off active signing key                                    | Chengyu Fan      | 09/08/2015 02:58 PM |                    |
| 3189 | ndn-sci   | Task    | New         | Normal    | Use logging in catalog   | Chengyu Fan      | 09/08/2015 01:50 PM |                    |
| 3188 | ndn-sci   | Bug     | New         | Normal    | catalog should not generate errors during database initialization                    | Chengyu Fan      | 09/08/2015 11:06 AM |                    |
| 3187 | ndn-sci   | Bug     | New         | Normal    | /ndn/broadcast strategy renamed to /ndn/multicast in NFD-0.3.4                       | Chengyu Fan      | 09/08/2015 10:41 AM |                    |
| 3186 | ndn-sci   | Bug     | New         | Normal    | catalog requires signingId to be explicitly set in configuration                     | Chengyu Fan      | 09/08/2015 10:36 AM |                    |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags |
|------|---------|---------|-------------|----------|---|--------------------|---------------------|------|
| 3185 | ndn-sci | Bug     | New         | Normal   | onConfig does not validate configuration in dry perform dry run             | Chengyu Fan        | 09/08/2015 10:32 AM |      |
| 3184 | ndn-sci | Bug     | New         | Normal   | default catalog configuration should use meaningful names                   | Chengyu Fan        | 09/08/2015 10:20 AM |      |
| 3183 | ndn-sci | Bug     | New         | Normal   | atoms-catalog crashes if user/password is incorrect                         | Chengyu Fan        | 09/08/2015 10:00 AM |      |
| 3182 | ndn-sci | Bug     | New         | Normal   | atoms-catalog crashes if database is not available                          |                    | 09/08/2015 09:58 AM |      |
| 3181 | ndn-sci | Bug     | New         | Normal   | atoms-catalog crashes if no configurations file available/specified         | Chengyu Fan        | 09/09/2015 07:34 PM |      |
| 3180 | ndn-sci | Bug     | New         | Normal   | malformed help output   | Chengyu Fan        | 09/08/2015 09:52 AM |      |
| 3096 | ndn-sci | Task    | New         | Normal   | producer should be able to publish dataset names using multiple data packet |                    | 08/11/2015 01:30 PM |      |
| 3095 | ndn-sci | Task    | New         | Normal   | Enable multi-threads publication  |                    | 08/11/2015 01:27 PM |      |
| 3094 | ndn-sci | Task    | New         | Normal   | calculate the payload limit based on the configuration                      | Chengyu Fan        | 08/11/2015 01:14 PM |      |
| 3001 | ndn-sci | Task    | New         | Normal   | Frontend doesn't work with Chrome   |                    | 06/30/2015 01:57 PM |      |
| 2918 | ndn-sci | Task    | New         | Normal   | Move autocomplete to the backend  |                    | 06/17/2015 01:11 PM |      |
| 2917 | ndn-sci | Task    | New         | Normal   | Define AND, OR and NOT language for discovery                               |                    | 06/17/2015 01:08 PM |      |
| 2902 | ndn-sci | Task    | New         | High     | Create a website for ndn-atmos  | Tyler Scott        | 06/17/2015 09:35 AM |      |
| 2894 | ndn-sci | Task    | New         | Normal   | Create NDN topology on the testbed  |                    | 06/12/2015 02:09 PM |      |
| 2886 | ndn-sci | Task    | New         | High     | Define publication protocol   | susmit shannigrahi | 06/12/2015 11:14 AM |      |
| 2885 | ndn-sci | Task    | New         | Normal   | Publication data packets schema   |                    | 06/12/2015 09:50 AM |      |
| 2822 | ndn-sci | Task    | New         | Normal   | Move the sql code out of the code and in a config file.                     |                    | 05/15/2015 10:20 AM |      |
| 2821 | ndn-sci | Task    | New         | Normal   | Fix output format for the translator  | susmit shannigrahi | 05/15/2015 09:59 AM |      |
| 2813 | ndn-sci | Bug     | New         | Normal   | client did not send query Interests   |                    | 06/12/2015 12:36 PM |      |
| 2797 | ndn-sci | Bug     | New         | Normal   | Query result prefix is incorrect  |                    | 05/07/2015 09:37 AM |      |
| 2775 | ndn-sci | Task    | New         | Normal   | Design an improved query search result UI                                   |                    | 04/27/2015 09:07 AM |      |
| 2774 | ndn-sci | Task    | New         | Normal   | Design minimal search language  |                    | 04/27/2015 09:05 AM |      |
| 2773 | ndn-sci | Task    | New         | Normal   | Design metadata searches  |                    | 04/27/2015 09:04 AM |      |
| 2772 | ndn-sci | Task    | New         | Normal   | Implement union search  |                    | 04/27/2015 09:02 AM |      |
| 2771 | ndn-sci | Task    | New         | Normal   | mock "union" search capability  |                    | 04/27/2015 09:02 AM |      |
| 2726 | ndn-sci | Task    | New         | Normal   | Load repos with CMIP5 data  | Chengyu Fan        | 04/15/2015 09:18 PM |      |
| 2693 | ndn-sci | Task    | New         | Normal   | Need to discuss journal paper   |                    | 03/24/2015 01:30 PM |      |
| 2616 | ndn-sci | Task    | New         | Normal   | Document trust model  |                    | 03/03/2015 05:51 PM |      |
| 2598 | ndn-sci | Task    | New         | Normal   | Write Catalog README.md   |                    | 03/02/2015 01:06 PM |      |
| 3035 | ndn-sci | Bug     | In Progress | Normal   | catalog throws runtime errors   | Chengyu Fan        | 07/14/2015 02:05 PM |      |
| 2887 | ndn-sci | Task    | In Progress | Normal   | Implement Publish Agent and Adapter   | susmit shannigrahi | 07/14/2015 02:16 PM |      |
| 2770 | ndn-sci | Task    | In Progress | Normal   | base catalog version on ChronoSync  | Chengyu Fan        | 10/14/2015 01:16 PM |      |



| #    | Project | Tracker | Status | Priority | Subject  | Assignee         | Updated             | Tags                             |
|------|---------|---------|--------|----------|--|------------------|---------------------|----------------------------------|
| 5313 | ndn-cxx | Feature | New    | Normal   | ValidatorConfig: specify signed Interest fields                                      |                  | 02/23/2024 07:26 PM | ValidatorConfig                  |
| 5291 | ndn-cxx | Feature | New    | Normal   | Deterministic ECDSA signing  |                  | 11/23/2023 07:58 PM | security, openssl                |
| 5280 | ndn-cxx | Bug     | New    | Normal   | ValidityPeriod.NotAfter=99991231T235959 truncated                                    |                  | 08/07/2023 06:20 PM |                                  |
| 5241 | ndn-cxx | Task    | New    | Normal   | Redesign support for HMAC keys   |                  | 08/24/2023 08:00 PM | security, openssl                |
| 5209 | ndn-cxx | Feature | New    | Normal   | Ed25519 signature type   |                  | 08/23/2023 11:50 PM | Ed25519, security                |
| 5177 | ndn-cxx | Feature | New    | Normal   | Command interest replay detection by (timestamp, nonce)-tuples                       |                  | 01/11/2022 05:43 PM | security                         |
| 5148 | ndn-cxx | Feature | New    | Normal   | ValidatorConfig: multiple sig-type restrictions in a single checker                  |                  | 12/01/2023 08:41 PM | ValidatorConfig                  |
| 5126 | ndn-cxx | Bug     | New    | Normal   | Unreliable (or ill-designed?) test case<br>Encoding/TestBlock/Construction/FromBlock |                  | 12/08/2023 07:12 PM | unit-tests                       |
| 5113 | ndn-cxx | Feature | New    | Normal   | Override certificate name parts in KeyLocator  |                  | 04/17/2022 09:44 AM | security                         |
| 5111 | ndn-cxx | Feature | New    | Normal   | ndnsec export/import: include multiple certificates in SafeBag                       |                  | 06/03/2020 09:54 AM | security                         |
| 5097 | ndn-cxx | Feature | New    | Low      | Distinguish DOWN and NO_CARRIER in NetworkMonitor for macOS                          |                  | 06/08/2020 05:41 PM | macOS                            |
| 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                |
| 4959 | ndn-cxx | Bug     | New    | Normal   | operator<<(std::ostream&, const Data&) may throw                                     | Davide Pesavento | 09/17/2022 03:03 PM |                                  |
| 4882 | ndn-cxx | Task    | New    | Normal   | Improve "NDN Regular Expression" documentation                                       |                  | 02/20/2024 02:54 AM | documentation                    |
| 4880 | ndn-cxx | Task    | New    | Normal   | Add randomness to exponential retry on Nack in<br>CertificateFetcherFromNetwork      |                  | 02/12/2021 10:57 AM |                                  |
| 4859 | ndn-cxx | Bug     | New    | Low      | libndn-cxx.pc installed in wrong location on FreeBSD                                 |                  | 10/31/2023 11:57 PM | FreeBSD                          |
| 4776 | ndn-cxx | Feature | New    | Normal   | Re-design SegmentFetcher   |                  | 08/26/2020 04:36 PM | API, needs-discussion            |
| 4754 | ndn-cxx | Task    | New    | Low      | tpm::BackEndOsx uses deprecated macOS functions                                      |                  | 07/19/2022 02:26 PM | code-cleanup,<br>security, macOS |
| 4699 | ndn-cxx | Feature | New    | Normal   | Dispatcher: use SegmentPublisher in StatusDatasetContext                             |                  | 08/07/2018 02:00 PM |                                  |
| 4696 | ndn-cxx | Feature | New    | High     | SegmentPublisher: segmentation utility   |                  | 11/04/2022 08:50 PM | API                              |
| 4550 | ndn-cxx | Feature | New    | Normal   | Improve AES support in security::transform   |                  | 01/13/2022 08:00 PM | security, API                    |
| 4537 | ndn-cxx | Bug     | New    | Normal   | Validator doesn't properly handle exceptions from the callbacks                      |                  | 03/05/2018 08:19 PM |                                  |
| 4350 | ndn-cxx | Feature | New    | Normal   | Combine the direct fetch and key bundle  |                  | 10/19/2017 10:47 AM |                                  |
| 4342 | ndn-cxx | Feature | New    | Low      | KeyChain helpers   |                  | 06/29/2020 11:45 PM | security, API                    |
| 4221 | ndn-cxx | Feature | New    | Normal   | Relax decoding of out-of-order TLV sub-elements in NFD<br>management protocol        |                  | 09/26/2018 02:47 PM |                                  |
| 4157 | ndn-cxx | Bug     | New    | Low      | ndnsec-export: confusing error message when getpass is unavailable                   |                  | 06/15/2021 06:28 PM |                                  |

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