

## Issues

| #    | Project | Tracker | Status   | Priority | Subject   | Assignee    | Updated             | Tags |
|------|---------|---------|----------|----------|---|-------------|---------------------|------|
| 3541 | ndnrtc  | Task    | New      | Normal   | [ndnrtc] Increased latency after rebuffering                                      | Peter Gusev | 03/10/2016 03:53 PM |      |
| 3529 | ndnrtc  | Task    | New      | Normal   | [ndnrtc-oi] Ingest current consumer state   | Peter Gusev | 03/09/2016 05:22 PM |      |
| 3527 | ndnrtc  | Task    | New      | Normal   | [ndnrtc-oi] Implement NDN-RTC metric ingestion into Operational Intelligence tool | Peter Gusev | 03/15/2016 06:22 PM |      |
| 2710 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Volume control   | Peter Gusev | 03/30/2015 09:42 AM |      |
| 2674 | ndnrtc  | Feature | New      | High     | [NdnCon] UX/UI design   |             | 10/31/2016 03:33 PM |      |
| 2681 | ndnrtc  | Feature | Resolved | Normal   | [NdnCon] UI performance issues  |             | 10/31/2016 03:28 PM |      |
| 2682 | ndnrtc  | Feature | New      | High     | [NdnCon] Stream consuming indication  |             | 03/23/2015 12:42 PM |      |
| 2689 | ndnrtc  | Feature | Resolved | High     | [NdnCon] Status for fetching audio streams.                                       |             | 10/31/2016 03:30 PM |      |
| 2656 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Statistics window defaults to video stream                               | Peter Gusev | 03/23/2015 12:11 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 |      |
| 2684 | ndnrtc  | Feature | Resolved | Normal   | [NdnCon] Mute/unmute media streams  |             | 02/28/2016 08:40 AM |      |
| 2685 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Multi-party conferencing instructions                                    |             | 03/23/2015 12:32 PM |      |
| 2679 | ndnrtc  | Feature | Resolved | Normal   | [NdnCon] More space for the video   |             | 10/31/2016 03:28 PM |      |
| 3537 | ndnrtc  | Task    | New      | Normal   | [ndncon] Memory footprint grows over long runs for publishers                     | Peter Gusev | 03/09/2016 05:40 PM |      |
| 3244 | ndnrtc  | Bug     | New      | Low      | [NdnCon] media streams preference: FreshnessPeriod label displays incompletely    |             | 10/07/2015 01:26 PM |      |
| 2655 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Make specifying user prefix and name easier                              | Peter Gusev | 03/23/2015 12:12 PM |      |
| 2703 | ndnrtc  | Bug     | New      | High     | [NdnCon] Make possible to choose different than system audio input.               |             | 04/01/2015 11:32 PM |      |
| 2687 | ndnrtc  | Feature | Resolved | High     | [NdnCon] Make "Start publishing" function more obvious                            | Peter Gusev | 10/31/2016 03:29 PM |      |
| 2675 | ndnrtc  | Bug     | New      | Normal   | [NdnCon] Live statistics on publisher   | Peter Gusev | 03/23/2015 12:17 PM |      |
| 2678 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Full screen video  | Peter Gusev | 03/23/2015 12:21 PM |      |
| 3242 | ndnrtc  | Bug     | New      | Normal   | [NdnCon] fail to discover chatrooms with tpm-file                                 |             | 10/07/2015 11:33 AM |      |
| 2683 | ndnrtc  | Feature | New      | High     | [NdnCon] Edit media threads on-the-fly  |             | 03/23/2015 12:43 PM |      |
| 2676 | ndnrtc  | Feature | New      | Normal   | [NdnCon] Default to FaceTime camera   | Peter Gusev | 03/23/2015 12:19 PM |      |
| 3535 | ndnrtc  | Task    | New      | Normal   | [ndncon] Crashes when stop publishing audio                                       | Peter Gusev | 03/09/2016 05:37 PM |      |
| 3536 | ndnrtc  | Task    | New      | Normal   | [ndncon] Crashes when leaving/joining chat  | Peter Gusev | 03/09/2016 05:38 PM |      |
| 3247 | ndnrtc  | Bug     | New      | Normal   | [NdnCon] crash after stop publishing  |             | 10/07/2015 03:09 PM |      |
| 3250 | ndnrtc  | Bug     | New      | Normal   | [NdnCon] crash after entering very long username                                  |             | 10/08/2015 01:49 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 |      |

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|------|-------------|---------|----------|----------|--|------------|---------------------|--------------------|
| 3473 | ndnrtc      | Bug     | New      | Normal   | [NdnCon] chatroom message scroll position not preserved upon maximize  |            | 02/24/2016 03:16 PM |                    |
| 3246 | ndnrtc      | Bug     | Resolved | Normal   | [NdnCon] cannot quit from Dock during fetching   |            | 10/31/2016 03:36 PM |                    |
| 2688 | ndnrtc      | Bug     | Resolved | High     | [NdnCon] Adding new user   |            | 10/31/2016 03:30 PM |                    |
| 3534 | ndnrtc      | Task    | New      | Normal   | [ndncon/ndnrtc] Bugfixing and optimization   |            | 03/15/2016 06:17 PM |                    |
| 4873 | jndn        | Task    | New      | Normal   | [Android] Incorrect PibImpl when creating KeyChain with pib-sqlite3 pib-locator  |            | 03/19/2019 03:13 PM |                    |
| 3038 | mini-ndn    | Bug     | Resolved | Normal   | Xterm for node does not have home folder set   |            | 05/04/2017 07:04 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 |                    |
| 4270 | NLSR        | Task    | New      | Normal   | Write tests for the common TLV system.   |            | 09/05/2017 01:48 PM |                    |
| 2069 | ndn-cxx     | Task    | New      | Normal   | Write tests for ndnsec   |            | 10/07/2023 09:20 PM | unit-tests         |
| 5283 | mGuard      | Task    | New      | Normal   | Write New Example Consumer Application for Testing   | Howard Zhu | 08/09/2023 10:02 PM |                    |
| 5168 | mini-ndn    | Task    | New      | Normal   | Write documentation for the examples   |            | 06/04/2021 12:59 PM |                    |
| 2598 | ndn-sci     | Task    | New      | Normal   | Write Catalog README.md  |            | 03/02/2015 01:06 PM |                    |
| 3895 | NFD         | Task    | New      | Normal   | Write a style file for clang-format  |            | 12/20/2022 02:19 AM | needs-discussion   |
| 3198 | ndn-tools   | Feature | New      | Normal   | Wireshark dissector: NDNLv2 reassembly   |            | 09/11/2015 05:40 PM |                    |
| 3197 | ndn-tools   | Feature | Feedback | Normal   | Wireshark dissector: NDNLv2  |            | 11/23/2016 06:43 AM |                    |
| 4820 | ndn-tools   | Feature | New      | Normal   | Wireshark dissector: follow TCP stream   |            | 01/28/2019 10:29 AM |                    |
| 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 |
| 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 |                    |
| 3939 | NFD-android | Task    | New      | Normal   | WiFi Direct support  |            | 02/02/2017 08:33 PM |                    |
| 5125 | mini-ndn    | Bug     | New      | Normal   | While creating Minindn object in topology script, and running the script, always print out "Dummy key chain patch is installed in ndn-cxx. Security will be disabled." |            | 08/12/2020 02:48 PM |                    |
| 2394 | NFD         | Feature | New      | Normal   | WebSocketChannel: configurable list of endpoints to bind to  |            | 02/14/2019 09:50 PM |                    |
| 1845 | ndnrtc      | Feature | New      | Normal   | WebRTC compilation against clang/libc++ on OSX 10.9 (mavericks)  |            | 08/11/2014 07:42 PM |                    |
| 2245 | ndns        | Task    | New      | Low      | Web interface to manage NDNS database  |            | 11/30/2014 09:54 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 |                    |
| 5280 | ndn-cxx     | Bug     | New      | Normal   | ValidityPeriod.NotAfter=99991231T235959 truncated  |            | 08/07/2023 06:20 PM |                    |
| 5313 | ndn-cxx     | Feature | New      | Normal   | ValidatorConfig: specify signed Interest fields  |            | 02/23/2024 07:26 PM | ValidatorConfig    |
| 5148 | ndn-cxx     | Feature | New      | Normal   | ValidatorConfig: multiple sig-type restrictions in a single checker  |            | 12/01/2023 08:41 PM | ValidatorConfig    |
| 4537 | ndn-cxx     | Bug     | New      | Normal   | Validator doesn't properly handle exceptions from the callbacks  |            | 03/05/2018 08:19 PM |                    |

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|------|------------|---------|-------------|----------|--|--------------------|---------------------|--------------|
| 2487 | ChronoChat | Task    | Code review | Normal   | Use user's default identity as the initial identity  |                    | 04/07/2015 08:55 PM |              |
| 4078 | mini-ndn   | Task    | New         | Normal   | Use popen in ndn_application   |                    | 06/07/2018 07:40 AM |              |
| 4338 | mini-ndn   | Task    | New         | Normal   | Use persistent face instead of permanent face for NLSR in Mini-NDN                           |                    | 10/20/2017 10:51 AM |              |
| 4678 | NAC        | Task    | New         | Normal   | Use onFailure instead of BOOST_THROW_EXCEPTION in Decryptor::doDecrypt?                      |                    | 07/23/2018 01:56 PM |              |
| 4170 | NLSR       | Feature | New         | Normal   | Use ndn-cxx Dispatcher to satisfy LSA interests.   | Laqin Fan          | 12/29/2020 07:03 PM |              |
| 4384 | NLSR       | Task    | New         | Normal   | Use loopback interest to serve own certificate   | Muktadir Chowdhury | 11/16/2017 10:48 AM |              |
| 3189 | ndn-sci    | Task    | New         | Normal   | Use logging in catalog   | Chengyu Fan        | 09/08/2015 01:50 PM |              |
| 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 |              |
| 3626 | NLSR       | Feature | New         | Normal   | Use IncomingFaceId tag to direct LSA Interests   |                    | 12/29/2020 07:02 PM |              |
| 4994 | npchat     | Task    | New         | Normal   | Use Discovery Protocols With Wifi Direct   |                    | 09/02/2019 08:16 AM |              |
| 3575 | mini-ndn   | Task    | New         | Low      | Use default_level from nfd.conf as default nfd-log-level                                     |                    | 04/01/2016 07:38 AM |              |
| 3950 | NLSR       | Task    | New         | Normal   | Use CertificateBundleFetcher instead of DirectFetcher  | Muktadir Chowdhury | 12/29/2020 06:57 PM |              |
| 4113 | NFD        | Feature | New         | Normal   | Use auto-detected "ad hoc" attribute to create faces   |                    | 10/17/2017 01:23 PM |              |
| 4387 | NFD        | Task    | New         | Low      | Use a real benchmarking library for benchmarks   |                    | 06/07/2020 10:32 AM | code-cleanup |
| 4557 | ndnSIM     | Task    | Feedback    | Normal   | Upgrade base NS-3 to just released ns-3.28   | Alex Afanasyev     | 05/08/2018 11:02 AM |              |
| 4772 | PSync      | Task    | New         | Normal   | Update our IBF when we detect future hash and renew sync interest                            |                    | 01/02/2023 08:35 PM |              |
| 4620 | NLSR       | Task    | New         | Normal   | Update NLSR Developer's guide to reflect re-built LSDB.                                      |                    | 05/25/2018 09:40 AM |              |
| 5256 | mGuard     | Task    | New         | Normal   | Update mGuard naming convention to incorporate metadata and revision number of the stream    | Saurab Dulal       | 08/09/2023 08:56 PM |              |
| 3121 | ndnSIM     | Task    | New         | Normal   | Update FibHelper to use RIB management   |                    | 05/08/2018 10:53 AM |              |
| 4733 | ndnSIM     | Task    | New         | Normal   | Update face metric based on link latency   | Chavoosh Ghasemi   | 09/12/2018 03:04 PM |              |
| 5282 | mGuard     | Task    | New         | Normal   | Update Current Example Consumer Application  | Howard Zhu         | 08/09/2023 10:03 PM |              |
| 4937 | npchat     | Task    | New         | Normal   | Update Android Identity Manager  | Ritik kumar        | 06/06/2019 10:13 AM |              |
| 2575 | NDN-CCL    | Bug     | New         | High     | Unspecified fields should not be present in packets  |                    | 03/09/2015 01:43 PM |              |
| 5126 | ndn-cxx    | Bug     | New         | Normal   | Unreliable (or ill-designed?) test case Encoding/TestBlock/Construction/FromBlock            |                    | 12/08/2023 07:12 PM | unit-tests   |
| 4375 | repo-ng    | Bug     | New         | Normal   | Unrecognized 'registration-subset' option in 'tcp_bulk_insert' section in configuration file |                    | 11/06/2017 07:39 AM |              |
| 4356 | repo-ng    | Bug     | New         | Normal   | Unrecognized 'registration-subset' option  |                    | 10/24/2017 11:17 AM |              |
| 1672 | NFD        | Feature | New         | Low      | UnixSeqPacketTransport   |                    | 11/04/2019 02:57 PM |              |
| 4253 | NLSR       | Task    | In Progress | Normal   | Unit tests should be more deterministic  |                    | 08/24/2017 10:58 AM |              |

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| 5275 | mGuard             | Task    | In Progress | Normal   | unit tests for name tree and parser   | Adam Thieme       | 07/26/2023 09:24 PM |                               |
| 5194 | mGuard             | Task    | New         | Normal   | Unit and Integration tests  | Saurab Dulal      | 07/26/2023 09:24 PM | unit-tests, integration       |
| 4499 | NFD                | Bug     | New         | Low      | Unbounded queuing in StreamTransport  |                   | 08/26/2020 04:44 PM | needs-discussion              |
| 4708 | NFD                | Feature | New         | Normal   | UDP faces: support toggling v4 and v6 multicast independently   |                   | 08/27/2019 08:43 PM |                               |
| 2824 | ndnSIM             | Bug     | New         | Normal   | Typo in documentation (git clone commands)  | Spyros Mastorakis | 08/21/2015 06:51 PM |                               |
| 1285 | NDN Specifications | Feature | New         | Normal   | Tunnel Authentication protocol  |                   | 01/13/2022 07:20 PM |                               |
| 1776 | ndn-cxx            | Task    | New         | Normal   | Transport: ensure all packets are sent before closing socket  |                   | 06/05/2018 08:45 PM |                               |
| 4754 | ndn-cxx            | Task    | New         | Low      | tpm::BackEndOsx uses deprecated macOS functions   |                   | 07/19/2022 02:26 PM | code-cleanup, security, macOS |
| 5002 | ndnSIM             | Bug     | New         | Normal   | topologyReader.ApplyOspfMetric() doesn't work unless ndn::StackHelper is installed                    |                   | 09/18/2019 01:54 PM |                               |
| 2224 | ndns               | Task    | Code review | Normal   | tools: ndns-remove-rr   | Jiewen Tan        | 03/26/2015 01:06 AM |                               |
| 3402 | NDN in the browser | Feature | New         | Normal   | TLS WebSocket endpoint on testbed   |                   | 07/24/2017 07:45 AM |                               |
| 3883 | ChronoSync         | Task    | New         | Normal   | Time gap between interest expiration and refresh  | Sonu Mishra       | 12/11/2016 01:27 PM |                               |
| 4836 | PSync              | Task    | New         | Low      | Throwing exception in ProducerBase::onRegisterFailed has no effect                                    |                   | 02/14/2019 11:25 AM |                               |
| 1047 | NDN-CCL            | Bug     | New         | Normal   | The removeRegisteredPrefix API should "unregister" from the forwarding daemon                         |                   | 07/18/2017 03:51 PM |                               |
| 2075 | NDN-CCL            | Feature | New         | Normal   | The library should have an API to inform the application when the connection is lost to the forwarder |                   | 07/28/2016 01:33 PM |                               |
| 4933 | npchat             | Task    | New         | Normal   | Testbed Hierarchical Rules Schema   | Ashlesh Gawande   | 05/21/2019 08:49 AM |                               |
| 4616 | mini-ndn           | Task    | New         | Normal   | Test VANET capabilities   |                   | 05/21/2018 10:15 AM | wifi                          |
| 4617 | mini-ndn           | Task    | New         | Normal   | Test SUMO capabilities  |                   | 05/21/2018 10:36 AM | wifi                          |
| 3481 | ndnrtc             | Feature | New         | Normal   | Test NDN-RTC performance in Mini-NDN  | Ashlesh Gawande   | 12/21/2017 11:19 AM |                               |
| 5289 | mGuard             | Task    | New         | Normal   | test mGuard for possible testbed-related bugs   |                   | 08/19/2023 12:57 AM |                               |
| 3456 | NFD-android        | Feature | New         | Normal   | Test coverage   |                   | 02/13/2019 12:49 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                       |
| 1604 | ndn-cxx            | Feature | New         | Low      | syslog & journald log destinations  |                   | 12/14/2023 02:23 AM | logging, systemd              |
| 5091 | NFD                | Task    | New         | Low      | Switch NFD configuration file format  |                   | 08/27/2020 07:14 PM | needs-discussion              |
| 4910 | NLSR               | Task    | New         | Normal   | Suppress sub-prefix of a hub's prefix advertised by NFD   | Saurab Dulal      | 01/14/2022 09:20 PM |                               |
| 2647 | NLSR               | Task    | New         | Low      | Suppress routing table recalculation when Adjacency LSA is refreshed                                  |                   | 12/29/2020 06:51 PM |                               |
| 1603 | NFD                | Feature | New         | Low      | Support traditional SysV-style daemon initialization scheme   |                   | 06/11/2021 03:49 PM |                               |
| 4329 | mini-ndn           | Feature | New         | Normal   | Support per-node, arbitrary actions at different points during an experiment.                         |                   | 12/21/2017 04:29 PM |                               |

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| 3454 | NLSR               | Feature | New         | Normal   | Support NLSR to run over direct links  |                | 02/01/2016 06:08 PM |                           |
| 5219 | mGuard             | Feature | New         | Normal   | Support name prefix of data requesters in the policy   | Adam Thieme    | 08/19/2023 12:53 AM | Attribute Authority       |
| 5263 | mini-ndn           | Bug     | Code review | Low      | Support floating point bandwidth in topology files   | Alexander Lane | 05/22/2023 11:57 PM |                           |
| 4477 | NFD                | Feature | New         | Normal   | Support configuring LpReliability options  |                | 01/25/2018 02:28 PM |                           |
| 3483 | ndnrtc             | Feature | Resolved    | Normal   | Summarize results of performance testing to date   |                | 10/31/2016 03:39 PM |                           |
| 3462 | NFD-android        | Feature | New         | Normal   | StrategyChoice fragment  |                | 02/13/2019 12:49 PM |                           |
| 4700 | NFD                | Feature | New         | Normal   | Strategy API: trigger strategy upon face state change  |                | 10/19/2019 12:13 PM |                           |
| 4495 | ChronoSync         | Bug     | New         | Normal   | Strange buffer overflow / random crash of chronosync::Socket related to ndn::InMemoryStorage |                | 02/11/2018 07:46 PM |                           |
| 3768 | repo-ng            | Feature | New         | Normal   | Storage management / quota features  |                | 09/07/2016 07:55 AM |                           |
| 2939 | mini-ndn           | Task    | New         | Normal   | Static IP addresses should be assignable to nodes  |                | 09/13/2020 10:25 AM |                           |
| 2716 | Packaging          | Feature | New         | Normal   | start ndn-autoconfig client in parallel with NFD   |                | 01/21/2018 12:00 PM |                           |
| 4330 | mini-ndn           | Feature | New         | Normal   | Specifying per-node delays at topology setup   |                | 12/21/2017 04:28 PM |                           |
| 4654 | repo-ng            | Bug     | New         | Low      | Small typos in Repo Deletion Protocol Wiki Page  |                | 07/07/2018 08:17 AM |                           |
| 3477 | ndnrtc             | Feature | New         | Normal   | Silence Suppression  | Peter Gusev    | 03/04/2016 04:05 PM |                           |
| 3804 | NDN Specifications | Feature | New         | Normal   | SignatureHmacWithSha256_128  |                | 07/29/2023 08:48 PM | needs-discussion          |
| 1301 | NFD                | Feature | New         | Low      | Shrink table size during memory stress   |                | 02/16/2018 08:18 AM |                           |
| 4653 | NAC                | Task    | New         | Normal   | Should the new code be hard-wired to AES_CBC?  |                | 07/06/2018 01:40 PM |                           |
| 5246 | mini-ndn           | Bug     | New         | High     | Setting link parameters via topology conf file broken in Mini-NDN-Wifi                       |                | 11/06/2022 11:26 AM | topology, mininet-wifi    |
| 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 |                           |
| 5017 | PSync              | Feature | New         | Normal   | Set IBF size dynamically based on observation without requiring uniform IBF size             |                | 10/09/2019 11:23 AM |                           |
| 5231 | mini-ndn           | Task    | New         | Normal   | Set default access point/IP switch behavior to ignore SDN features                           |                | 07/12/2022 10:45 AM |                           |
| 4920 | NLSR               | Task    | New         | Normal   | Set best-route strategy for LSAs   |                | 04/21/2019 04:50 PM |                           |
| 4845 | NLSR               | Task    | New         | Normal   | Separate nlsr.conf file for test in home directory   | Saurab Dulal   | 03/17/2021 02:02 PM |                           |
| 5026 | NFD                | Task    | New         | Normal   | Self-learning: unit testing  |                | 12/01/2023 07:04 PM | self-learning, unit-tests |
| 4973 | NFD                | Feature | New         | Normal   | Self-learning: switch from multicast to unicast on Wi-Fi infrastructure                      |                | 12/01/2023 06:55 PM | self-learning             |
| 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             |
| 5029 | NFD                | Feature | New         | Normal   | Self-learning forwarding strategy v2   |                | 12/01/2023 06:58 PM | self-learning             |
| 4696 | ndn-cxx            | Feature | New         | High     | SegmentPublisher: segmentation utility   |                | 11/04/2022 08:50 PM | API                       |
| 3412 | ndn-cxx            | Feature | New         | Normal   | SegmentFetcher: onError signal should report more specific failure information               |                | 06/02/2018 06:42 PM |                           |

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| 5222 | mGuard             | Task    | In Progress | Normal   | See the possibility of switching to Repo commands instead of TCP bulk insertion                 | Suravi Regmi   | 08/02/2023 09:39 PM | repo                    |
| 4192 | NLSR               | Feature | New         | Normal   | Secure launcher for NLSR  |                | 12/29/2020 07:03 PM | cri-yeartwo             |
| 3486 | ndnrtc             | Task    | Resolved    | Normal   | Scripts to log NFD counters across testbed during runs  | Peter Gusev    | 10/31/2016 03:42 PM |                         |
| 5292 | mGuard             | Task    | New         | Normal   | Script to automate mGuard evaluation  |                | 08/31/2023 09:20 PM |                         |
| 4919 | NLSR               | Bug     | New         | Normal   | Schedule hello interest after FACE_EVENT_CREATED is received                                    |                | 04/21/2019 04:40 PM |                         |
| 4491 | ICE-AR Prototype   | Task    | New         | High     | sample client for bluetooth beaconing   | Grant Weaver   | 02/08/2018 09:56 AM | ENGR 299                |
| 4940 | NFD                | Feature | New         | Normal   | Runtime cache policy change   |                | 05/25/2019 03:39 PM |                         |
| 4878 | mini-ndn           | Feature | New         | Normal   | Run NLSR experiments with ASF strategy set on /   | Saurab Dulal   | 12/19/2021 01:02 PM |                         |
| 1948 | ndn-cxx            | Task    | New         | Normal   | Run integrated tests for every Jenkins build  |                | 06/27/2018 01:39 AM |                         |
| 3049 | NFD                | Feature | New         | Normal   | RouterName configuration option   |                | 08/17/2015 08:01 PM |                         |
| 5047 | NFD                | Bug     | New         | Normal   | Router should reject /localhost prefix registration   |                | 06/12/2021 11:47 AM |                         |
| 4731 | NFD                | Task    | Feedback    | Low      | RIB: deduplicate RibManager::FaceIdSet and Rib::FaceLookupTable                                 |                | 04/03/2021 01:14 AM | code-cleanup            |
| 2010 | NFD                | Task    | New         | Normal   | RIB cost guidelines   |                | 10/31/2014 02:26 PM |                         |
| 3916 | ndn-cxx            | Task    | New         | Normal   | Rewrite security tutorial   |                | 06/07/2020 05:50 PM | security, documentation |
| 3906 | ndns               | Task    | New         | High     | Rewrite ManagementTool's ListZone method  |                | 12/30/2016 10:12 PM |                         |
| 5107 | NLSR               | Task    | New         | Low      | Revisit NLSR log message  |                | 04/25/2020 02:23 PM |                         |
| 3889 | NFD                | Bug     | New         | Normal   | Retransmission suppression is too aggressive  |                | 08/25/2017 01:09 PM |                         |
| 3952 | ChronoShare        | Task    | Resolved    | Normal   | Restore routable prefix discovery in Dispatcher module  | Yukai Tu       | 04/03/2017 04:09 PM |                         |
| 5316 | mini-ndn           | Bug     | In Progress | High     | Resolution to bug #5309 not supporting PPAs   | Alexander Lane | 04/04/2024 06:13 PM |                         |
| 1293 | NFD                | Task    | New         | Normal   | Reserve buffer space when receiving packets on all faces  |                | 11/14/2014 01:23 PM |                         |
| 5121 | ndn-cxx            | Feature | Code review | Normal   | Reserve and enforce restriction for /localhost/identity namespace                               | Alex Afanasyev | 09/17/2022 03:05 PM |                         |
| 1746 | NDN Specifications | Task    | New         | Normal   | Request TCP port from IANA  | Lixia Zhang    | 01/13/2018 07:00 PM |                         |
| 1747 | NDN Specifications | Task    | In Progress | Normal   | Request IPv4 and IPv6 multicast addresses from IANA   | Alex Afanasyev | 01/13/2018 06:51 PM |                         |
| 1748 | NDN Specifications | Task    | New         | Normal   | Request Ethertype from IEEE   | Lixia Zhang    | 09/01/2014 08:21 PM |                         |
| 1809 | repo-ng            | Task    | New         | Normal   | RepoSync  |                | 07/19/2016 01:36 PM |                         |
| 1695 | repo-ng            | Task    | In Progress | Normal   | Repo-ng slowdown for large repo sizes   |                | 08/11/2014 08:16 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 |                         |
| 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 |                         |
| 1447 | NFD                | Task    | New         | Normal   | Replace std::list with std::unordered_map for similar Interests in NameTree entry               |                | 11/04/2019 02:55 PM |                         |
| 3129 | ndnSIM             | Feature | New         | Normal   | Replace or abstract random number generation with NS-3 facilities                               |                | 05/08/2018 10:53 AM |                         |

| #    | Project    | Tracker | Status      | Priority | Subject  | Assignee        | Updated             | Tags                  |
|------|------------|---------|-------------|----------|--|-----------------|---------------------|-----------------------|
| 4109 | NLSR       | Task    | Code review | Normal   | Replace NextHopList with a better container                                | Laqin Fan       | 12/29/2020 06:58 PM |                       |
| 5175 | NFD        | Feature | New         | Normal   | Replace CityHash with a more modern hash function                          |                 | 03/17/2022 11:07 AM |                       |
| 3224 | ChronoSync | Task    | New         | Normal   | Renaming common.hpp to common-chronosync.hpp                               |                 | 09/23/2015 04:28 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 |                       |
| 5277 | NFD        | Feature | In Progress | Normal   | Remove persistent faces  | Junxiao Shi     | 01/18/2024 02:09 AM |                       |
| 4267 | NLSR       | Feature | New         | Normal   | Remove explicit TLV classes  |                 | 09/05/2017 01:50 PM |                       |
| 4608 | ndnSIM     | Task    | New         | Normal   | Remove "old" content store   |                 | 05/08/2018 11:56 AM |                       |
| 4221 | ndn-cxx    | Feature | New         | Normal   | Relax decoding of out-of-order TLV sub-elements in NFD management protocol |                 | 09/26/2018 02:47 PM |                       |
| 2401 | NFD        | Feature | New         | Normal   | Register RIB command prefixes using FibUpdater                             |                 | 01/20/2015 09:22 PM |                       |
| 4991 | npchat     | Task    | New         | Normal   | Register One Route Instead of Multiple                                     |                 | 08/30/2019 01:37 PM |                       |
| 2732 | NLSR       | Task    | New         | Normal   | Refresh Name prefixes when receiving an update Name LSA                    | Saurab Dulal    | 12/29/2020 06:53 PM |                       |
| 3905 | ndns       | Task    | New         | Normal   | Refactory ndns-update and ndns-add-rr                                      |                 | 12/30/2016 02:56 PM |                       |
| 4373 | NLSR       | Task    | New         | Normal   | Refactor ndnSIM port to use the NLSR statistics system.                    |                 | 10/31/2017 01:35 PM |                       |
| 5241 | ndn-cxx    | Task    | New         | Normal   | Redesign support for HMAC keys   |                 | 08/24/2023 08:00 PM | security, openssl     |
| 1204 | ndn-cxx    | Task    | New         | Low      | Redesign of signing process / Per-instance signing keys                    |                 | 11/18/2014 09:59 PM |                       |
| 4600 | NFD        | Feature | New         | Normal   | Redesign NFD Management protocol to use ApplicationParameters              |                 | 08/26/2020 04:38 PM | needs-discussion      |
| 2571 | NDN-CCL    | Feature | New         | Normal   | Reconsider the need for ConnectionInfo abstractions                        | Jeff Burke      | 03/09/2015 12:53 PM |                       |
| 2569 | NDN-CCL    | Feature | New         | Low      | Reconsider necessity for "Node" class                                      |                 | 03/09/2015 12:56 PM |                       |
| 4127 | NLSR       | Task    | In Progress | Normal   | Rebuild the LSDB   | Ashlesh Gawande | 01/31/2021 09:34 AM |                       |
| 3413 | NLSR       | Task    | New         | Normal   | Reattempt LSA fetch based on SegmentFetcher failure specific error codes   |                 | 01/14/2016 01:35 PM |                       |
| 4177 | NLSR       | Bug     | Feedback    | Normal   | Readvertise causes withdrawal of site prefix                               | Nicholas Gordon | 12/31/2020 10:22 AM |                       |
| 2540 | ChronoSync | Task    | New         | Normal   | Re-license code to LGPL 3+   | Yingdi Yu       | 01/18/2021 02:11 AM |                       |
| 2539 | ChronoChat | Task    | New         | Normal   | Re-license code to GPL 3+  |                 | 12/26/2020 07:37 PM |                       |
| 4776 | ndn-cxx    | Feature | New         | Normal   | Re-design SegmentFetcher   |                 | 08/26/2020 04:36 PM | API, needs-discussion |
| 1698 | NFD        | Feature | New         | Normal   | Queuing FIB updates generated as a response to different RIB updates       |                 | 01/23/2018 11:25 PM |                       |
| 2797 | ndn-sci    | Bug     | New         | Normal   | Query result prefix is incorrect   |                 | 05/07/2015 09:37 AM |                       |
| 3656 | ndnSIM     | Bug     | New         | Normal   | Python bindings enumeration for old-style content store                    |                 | 05/08/2018 10:55 AM |                       |
| 5038 | NFD        | Feature | New         | Low      | Put netstat -s output on NFD status page                                   |                 | 08/24/2023 08:40 PM |                       |
| 3029 | NFD        | Feature | New         | Normal   | Publish RouterName in ForwarderStatus                                      |                 | 08/17/2015 08:03 PM |                       |
| 2885 | ndn-sci    | Task    | New         | Normal   | Publication data packets schema  |                 | 06/12/2015 09:50 AM |                       |

| #    | Project     | Tracker | Status      | Priority | Subject  | Assignee       | Updated             | Tags          |
|------|-------------|---------|-------------|----------|--|----------------|---------------------|---------------|
| 2137 | ndn-cxx     | Task    | New         | Normal   | Provide simple examples with Makefile, automake, waf to build against ndn-cxx library                |                | 06/11/2021 03:50 PM | documentation |
| 3767 | repo-ng     | Feature | New         | High     | Provide option to enable prefix caching behavior   |                | 09/07/2016 07:53 AM |               |
| 4447 | NFD         | Feature | New         | Normal   | Provide measurements dataset for ASF strategy  |                | 01/09/2018 12:18 PM |               |
| 4436 | mini-ndn    | Feature | Code review | Normal   | Provide API to run ndndump on nodes  | Alexander Lane | 09/13/2020 11:56 AM |               |
| 4963 | npchat      | Task    | New         | Normal   | Properly handle receiving multiple images from the same friend                                       |                | 06/30/2019 10:46 AM |               |
| 4541 | NLSR        | Feature | New         | Normal   | Propagate Strategy choice for a prefix through routing   |                | 03/07/2018 02:43 PM |               |
| 3096 | ndn-sci     | Task    | New         | Normal   | producer should be able to publish dataset names using multiple data packet                          |                | 08/11/2015 01:30 PM |               |
| 3885 | ChronoSync  | Bug     | New         | Normal   | processSyncInterest: Interest for new data getting satisfied by cached old data                      | Sonu Mishra    | 12/11/2016 01:54 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 |               |
| 3557 | ndnSIM      | Bug     | New         | Normal   | Problem in generating the graphs pdf files for ndnSIM-ddos-interest-flooding project                 |                | 11/10/2016 11:40 AM |               |
| 4942 | NFD         | Feature | New         | Normal   | Priority FIFO policy: adopt entries from another policy  |                | 05/25/2019 03:45 PM |               |
| 3485 | ndnrtc      | Task    | Resolved    | Normal   | Prep for March 2 seminar with NDN-RTC  | Peter Gusev    | 10/31/2016 04:04 PM |               |
| 3549 | ndnrtc      | Task    | Resolved    | Normal   | Prep for March 16 seminar  | Peter Gusev    | 10/31/2016 03:52 PM |               |
| 4651 | NFD         | Feature | New         | Normal   | Prefix propagation: use stored PrefixAnnouncement  |                | 07/05/2018 08:48 AM |               |
| 4648 | NFD-android | Bug     | New         | Normal   | Prefix propagation does not work with app-owned certificate  |                | 07/05/2018 08:07 AM |               |
| 2371 | ndnSIM      | Task    | New         | Normal   | Port TcpFace and UdpFace to the new code base  |                | 02/01/2016 06:04 PM |               |
| 4655 | NDN-CCL     | Task    | In Progress | Normal   | Port new name-based access control library   |                | 11/07/2018 12:05 PM |               |
| 3162 | NFD         | Feature | New         | Normal   | PIT: index with forwarding hint  |                | 08/06/2017 08:00 AM |               |
| 2435 | NFD-android | Task    | New         | Normal   | PIT/FIB/RIB state snapshot and restore from snapshots  |                | 02/13/2019 12:47 PM |               |
| 2551 | NFD         | Feature | New         | Normal   | PIT refresh between neighbors  |                | 05/08/2019 08:55 AM |               |
| 2794 | ndn-tools   | Task    | New         | Low      | ping: improve the accuracy of stddev computation   |                | 05/07/2015 11:00 AM |               |
| 2554 | NFD-android | Task    | New         | Normal   | PIB service  |                | 02/13/2019 12:47 PM |               |
| 4870 | NFD-android | Bug     | New         | Normal   | Persistent notification is posted when NFD is not running  |                | 08/24/2023 08:44 PM |               |
| 5092 | mini-ndn    | Task    | New         | Normal   | Pass net object to routing helper, and call net.stop() instead of exit() in case of errors           | Saurab Dulal   | 03/16/2020 09:20 PM |               |
| 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 |               |
| 5137 | PSync       | Feature | New         | Normal   | PartialSync: Consumer can schedule sending sync interest before the sync interest gets expired       |                | 01/02/2023 08:33 PM |               |
| 5269 | mGuard      | Feature | New         | Low      | Parser Time-based attribute fix  | Adam Thieme    | 08/19/2023 12:51 AM |               |
| 5113 | ndn-cxx     | Feature | New         | Normal   | Override certificate name parts in KeyLocator  |                | 04/17/2022 09:44 AM | security      |



| #    | Project    | Tracker | Status      | Priority | Subject  | Assignee         | Updated             | Tags        |
|------|------------|---------|-------------|----------|--|------------------|---------------------|-------------|
| 5070 | NLSR       | Feature | New         | Normal   | Optionally compress the NLSR dataset   |                  | 12/29/2020 07:04 PM |             |
| 2503 | NFD        | Task    | New         | Low      | Optimize usage of steady_clock::now()  |                  | 02/23/2015 09:12 PM |             |
| 4959 | ndn-cxx    | Bug     | New         | Normal   | operator<<(std::ostream&, const Data&) may throw   | Davide Pesavento | 09/17/2022 03:03 PM |             |
| 3191 | ndn-sci    | Bug     | New         | Normal   | onQueryResultsInterest does not handle cache miss  | Chengyu Fan      | 09/08/2015 03:04 PM |             |
| 2777 | NLSR       | Task    | New         | Normal   | Only register new routes and unregister invalid routes after a routing table calculation | Damian Coomes    | 12/29/2020 06:53 PM |             |
| 3185 | ndn-sci    | Bug     | New         | Normal   | onConfig does not validate configuration in dry perform dry run                          | Chengyu Fan      | 09/08/2015 10:32 AM |             |
| 3993 | mini-ndn   | Bug     | New         | Normal   | Older version of Mininet should not break execution                                      |                  | 03/13/2017 11:28 AM |             |
| 3025 | NLSR       | Feature | New         | Normal   | Obtain RouterName from NFD   |                  | 07/09/2015 05:42 PM |             |
| 3663 | ndn-cxx    | Feature | New         | Normal   | NotificationSubscriber: Validator  |                  | 02/12/2018 12:28 PM |             |
| 3255 | NLSR       | Bug     | New         | Normal   | Node with old certs prevents neighbors from converging                                   |                  | 10/09/2015 08:19 AM |             |
| 4126 | NLSR       | Feature | New         | Normal   | NLSR Troubleshooting Documentation   |                  | 12/29/2020 07:03 PM | cri-yearone |
| 4083 | NLSR       | Feature | In Progress | Normal   | NLSR Statistics  | Damian Coomes    | 12/29/2020 07:03 PM |             |
| 3937 | NLSR       | Task    | New         | Normal   | NLSR should react to Face event notifications  | Saurab Dulal     | 12/29/2020 06:57 PM |             |
| 3097 | NLSR       | Feature | New         | Normal   | NLSR should handle parallel links between two nodes                                      |                  | 08/12/2015 11:00 AM |             |
| 4372 | NLSR       | Task    | Feedback    | Normal   | NLSR should be compatible with ndnSIM.   |                  | 04/10/2019 09:49 AM |             |
| 3277 | NLSR       | Feature | New         | Normal   | NLSR messages should include process ID  |                  | 12/29/2020 07:02 PM | cri-yeartwo |
| 4549 | NLSR       | Bug     | New         | Normal   | NLSR currently segments LSAs very conservatively   |                  | 08/14/2023 11:05 AM |             |
| 5132 | mini-ndn   | Task    | New         | Normal   | NLSR convergence time  |                  | 03/30/2022 02:49 PM |             |
| 3719 | ChronoChat | Bug     | New         | Normal   | NfdConnectionChecker: does not process Nack  |                  | 08/04/2016 10:57 PM |             |
| 4505 | NFD        | Feature | New         | Normal   | nfdc: TAB completion for command names   |                  | 02/14/2018 05:49 PM |             |
| 4492 | NFD        | Task    | New         | Normal   | nfdc XML report and nfd-status-http-server test case                                     |                  | 01/14/2022 09:33 PM | unit-tests  |
| 3677 | NFD        | Bug     | New         | Low      | nfdc status reports wrong uptime if system clock has been changed                        |                  | 09/04/2017 02:18 AM |             |
| 4572 | NFD        | Feature | New         | Normal   | nfdc route add: support local+remote FaceUri matching to identify nexthop face           |                  | 06/09/2021 02:12 PM |             |
| 4792 | mini-ndn   | Bug     | New         | Normal   | NFDC does not work when ran through popen  |                  | 06/19/2019 04:34 AM |             |
| 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 |             |
| 4533 | Packaging  | Feature | Feedback    | Normal   | nfd-status-http-server: run as non-root  |                  | 12/14/2023 02:25 AM | systemd     |
| 3405 | ChronoChat | Feature | New         | Urgent   | nfd-android  |                  | 01/11/2016 10:47 AM |             |
| 4408 | NFD        | Bug     | New         | Normal   | NFD throughput using large chunk is low  |                  | 01/22/2018 03:34 PM |             |
| 5099 | NDN-CCL    | Task    | New         | Normal   | NFD socket file moved to /run/nfd.sock on Linux  |                  | 04/08/2020 11:44 AM |             |
| 3215 | NFD        | Bug     | New         | Normal   | NFD crash with "open /dev/urandom operation failed" when reaching ulimit                 |                  | 08/01/2016 02:56 PM |             |

| #    | Project     | Tracker | Status      | Priority | Subject   | Assignee   | Updated             | Tags             |
|------|-------------|---------|-------------|----------|---|------------|---------------------|------------------|
| 3824 | NFD         | Feature | New         | Normal   | NetworkRegionTable dataset  |            | 10/07/2023 09:52 PM | needs-discussion |
| 3521 | NFD         | Feature | In Progress | Normal   | Netdev-bound faces  |            | 04/03/2021 01:17 AM |                  |
| 4346 | ndncert     | Feature | New         | Normal   | Need trust anchor storage support from ndn-cxx  |            | 10/18/2017 12:37 PM |                  |
| 2693 | ndn-sci     | Task    | New         | Normal   | Need to discuss journal paper   |            | 03/24/2015 01:30 PM |                  |
| 3710 | ndns        | Bug     | New         | Normal   | NdnsUpdate: does not process Nack   |            | 08/04/2016 10:41 PM |                  |
| 2393 | ndn-cxx     | Feature | New         | Normal   | ndnsec: update TpmLocator in PIB  |            | 06/15/2021 06:01 PM |                  |
| 4157 | ndn-cxx     | Bug     | New         | Low      | ndnsec-export: confusing error message when getpass is unavailable  |            | 06/15/2021 06:28 PM |                  |
| 5111 | ndn-cxx     | Feature | New         | Normal   | ndnsec export/import: include multiple certificates in SafeBag  |            | 06/03/2020 09:54 AM | security         |
| 5101 | NDNSD       | Task    | New         | Normal   | NDNSD Design  |            | 04/13/2020 09:13 PM |                  |
| 2228 | ndns        | Task    | Code review | Normal   | ndns-add-rr: Report status of the command   | Jiewen Tan | 03/26/2015 12:41 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 |                  |
| 5088 | ndnrtc      | Task    | New         | High     | NDNRTC support on Ubuntu 18.04  |            | 03/04/2020 12:44 PM |                  |
| 5174 | mini-ndn    | Task    | New         | Normal   | ndnRoutingHelper: Use nfcd batch command to install route   |            | 06/24/2021 03:12 PM |                  |
| 3304 | repo-ng     | Task    | New         | Normal   | ndnputfile ERROR: check response timeout  |            | 11/03/2015 05:08 AM |                  |
| 4944 | repo-ng     | Bug     | New         | High     | ndnputfile does not work  |            | 10/07/2023 08:49 PM |                  |
| 4866 | ndn-tools   | Bug     | New         | Normal   | ndnputchunks consumes a large amount of RAM   |            | 01/27/2020 02:45 PM |                  |
| 4765 | NFD-android | Feature | New         | Normal   | ndnping server  |            | 09/01/2023 02:35 AM |                  |
| 2929 | NFD         | Feature | New         | Normal   | NDNLPv2 supported feature advertisement   |            | 07/23/2016 07:56 AM |                  |
| 1779 | repo-ng     | Task    | New         | Normal   | ndndumpfile: local dump tool  |            | 07/18/2014 10:41 PM |                  |
| 3243 | ndn-tools   | Feature | New         | Normal   | ndndump: follow TCP stream  |            | 08/05/2018 03:09 PM |                  |
| 4695 | ndn-tools   | Feature | New         | Normal   | ndndump: display Ethernet addresses   |            | 08/05/2018 02:59 PM |                  |
| 4977 | ndncert     | Feature | New         | Normal   | ndncert-client: non-interactive mode  |            | 09/10/2019 11:28 AM |                  |
| 4637 | ndn-tools   | Task    | New         | Normal   | ndncatchchunks: use SegmentFetcher  |            | 06/07/2020 10:31 AM | code-cleanup     |
| 5156 | ndn-tools   | Bug     | New         | Normal   | ndncatchchunks: m_nInFlight > 0 assertion failed when transferring large file                             |            | 04/06/2021 06:00 PM |                  |
| 3843 | ndn-tools   | Feature | New         | Low      | ndncatchchunks: Implement throughput tracer   |            | 02/06/2019 03:37 PM |                  |
| 4893 | ndn-tools   | Feature | New         | Normal   | ndncatchchunks: have Consumer use ValidatorConfig   |            | 12/01/2023 08:43 PM | ValidatorConfig  |
| 5034 | ndn-tools   | Feature | Code review | Normal   | ndncatchchunks: enhanced tracing  |            | 10/26/2019 09:58 PM |                  |
| 3690 | ndn-tools   | Feature | New         | Normal   | ndncatchchunks: add option to write received data to a file   |            | 07/29/2016 10:02 PM |                  |
| 3902 | ndn-tools   | Bug     | New         | Normal   | ndncatchchunks with AIMD pipeline randomly hangs after transfer is complete                               |            | 10/07/2023 09:55 PM |                  |
| 3326 | ndnSIM      | Bug     | New         | Normal   | ndn::tlv::Error (TLV length exceeds buffer length) when calling /localhost/nfd/faces/list without caching |            | 05/08/2018 10:55 AM |                  |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee         | Updated             | Tags             |
|------|--------------------|---------|-------------|----------|---|------------------|---------------------|------------------|
| 2446 | ndnSIM             | Bug     | New         | Normal   | ndn-test: segfault in ndn::time::system_clock::now() called by L3Protocol::initializeManagement |                  | 08/05/2015 08:54 PM |                  |
| 4554 | Packaging          | Bug     | New         | Normal   | ndn-autoconfig-client: prefix registration failure  |                  | 03/23/2018 09:04 PM |                  |
| 2459 | NFD                | Bug     | New         | Normal   | ndn-autoconfig (daemon mode): non-deterministic timeouts for DNS resolution                     |                  | 07/07/2017 01:54 AM |                  |
| 3422 | NDN in the browser | Task    | New         | Normal   | ndn protocol add-on: Rewrite deprecated XPCOM and XUL   |                  | 05/20/2023 06:21 AM |                  |
| 4486 | ndn-sci            | Task    | New         | Normal   | NDN Performance evaluation for scientific data - request for comments                           |                  | 02/02/2018 03:04 PM |                  |
| 4145 | NFD                | Feature | New         | Normal   | NDN over Wi-Fi Direct for Linux   |                  | 04/25/2019 06:24 PM |                  |
| 4666 | NDN Specifications | Feature | New         | Normal   | Namespace catalog protocol  |                  | 08/26/2020 04:37 PM | needs-discussion |
| 2590 | ndns               | Bug     | New         | Normal   | NameServer/UpdateValidatorFetchCert incorrect usage of Signal                                   |                  | 03/26/2015 12:59 PM |                  |
| 4531 | NFD                | Bug     | New         | Low      | NAME section is missing in HTML manpages  |                  | 01/22/2023 10:19 PM |                  |
| 4818 | PSync              | Bug     | Code review | Normal   | murmurHash3 of uint32_t is not endian safe  | Junxiao Shi      | 01/02/2023 08:38 PM |                  |
| 3283 | NDN Specifications | Feature | New         | Normal   | Multiple signature design   |                  | 01/13/2022 07:02 PM | needs-discussion |
| 4948 | NFD-android        | Bug     | New         | Normal   | Multiple screen overlapping after rotating the phone  |                  | 09/01/2019 09:02 PM |                  |
| 2174 | NFD                | Bug     | New         | Normal   | Multiple register prefix gives NFD error "request timed out (code: 10060)"                      |                  | 11/19/2014 07:07 AM |                  |
| 3948 | NLSR               | Feature | New         | Normal   | Multiple network support  | Laqin Fan        | 12/29/2020 07:03 PM | cri-yeartwo      |
| 5046 | NFD                | Feature | New         | Normal   | Multicast strategy should send an Interest on Duplicate NACK w/ a different Nonce               |                  | 06/12/2020 09:14 AM |                  |
| 4022 | ndnSIM             | Task    | New         | Normal   | multicast strategy does not work in AnnotatedTopologyReader                                     | Alex Afanasyev   | 05/08/2018 10:48 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 |                  |
| 4839 | NLSR               | Task    | New         | Normal   | Move setInfoInterestFilter and setLsaInterestFilter to their respective classes                 | Saurab Dulal     | 12/29/2020 07:00 PM |                  |
| 5227 | mGuard             | Feature | New         | Normal   | Move repo interactions to a separation thread   |                  | 06/27/2022 04:27 AM | repo, system     |
| 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 |                  |
| 4613 | mini-ndn           | Task    | New         | Normal   | Move from scripting NFDC to directly interfacing with NFD Management                            |                  | 05/18/2018 10:42 AM |                  |
| 4106 | NLSR               | Task    | New         | Low      | Move clobbering-check from Fib::update to Fib::scheduleEntryRefresh                             |                  | 12/29/2020 06:58 PM |                  |
| 2918 | ndn-sci            | Task    | New         | Normal   | Move autocomplete to the backend  |                  | 06/17/2015 01:11 PM |                  |
| 4530 | NFD                | Feature | In Progress | Normal   | More efficient communication between threads  | Davide Pesavento | 08/27/2019 08:43 PM |                  |
| 2326 | named-data.net     | Feature | New         | Normal   | Monitor remaining disk space  |                  | 12/31/2016 01:08 PM |                  |
| 3744 | NLSR               | Feature | New         | Normal   | Modularize NLSR   | Saurab Dulal     | 12/29/2020 07:02 PM | cri-yearthree    |
| 5253 | mGuard             | Task    | New         | Normal   | Modularize mGuard pub-sub API   | Saurab Dulal     | 03/29/2023 06:46 PM |                  |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags   |
|------|--------------------|---------|-------------|----------|--|--------------------|---------------------|--|
| 5293 | mGuard             | Task    | New         | Normal   | Modify data generator to be configurable via command line  | Adam Thieme        | 09/14/2023 09:48 PM |  |
| 4863 | PSync              | Feature | New         | Normal   | Modify Consumer to support syncing with multiple producers   |                    | 01/02/2023 08:45 PM |  |
| 2771 | ndn-sci            | Task    | New         | Normal   | mock "union" search capability   |                    | 04/27/2015 09:02 AM |  |
| 4114 | mini-ndn           | Bug     | New         | Normal   | Minindredit writes the same hostname for each node without any error   |                    | 12/21/2017 04:32 PM |  |
| 4952 | mini-ndn           | Task    | New         | High     | Minindn nodes have no their separated namespaces   |                    | 06/08/2019 11:16 AM | minindn-simulator, environment variable, namespace |
| 4644 | mini-ndn           | Bug     | New         | Normal   | Mini-NDN checks for nlsr dependency with --no-nlsr option  |                    | 06/27/2018 09:42 AM |  |
| 4972 | NFD                | Task    | New         | Normal   | Migrate WebSocket face to Boost.Beast  |                    | 07/27/2019 12:11 PM |  |
| 3584 | NDN in the browser | Task    | New         | Normal   | Micro Forwarder: Update the Hackathon page   |                    | 04/01/2016 04:14 PM |  |
| 3611 | NDN in the browser | Task    | New         | Normal   | Micro Forwarder README   |                    | 05/20/2023 06:22 AM |  |
| 4529 | NFD                | Feature | New         | Normal   | Merge NFD-RIB into management thread   |                    | 03/02/2018 03:25 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                                   |
| 4446 | NFD                | Feature | New         | Normal   | Measurements query operation   |                    | 02/21/2018 08:56 PM |  |
| 3840 | NFD-android        | Feature | New         | Normal   | mDNS discovery of other NFD nodes on WiFi network  |                    | 08/26/2020 04:48 PM | needs-discussion                                   |
| 3526 | ndnrtc             | Task    | Resolved    | Normal   | March 10 NDN-RTC test  | Peter Gusev        | 10/31/2016 04:02 PM |  |
| 4539 | NFD                | Task    | New         | Normal   | Management: collect all TLV-TYPE number assignments on the same page   |                    | 08/27/2019 08:39 PM |  |
| 4528 | NFD                | Feature | In Progress | Normal   | Management thread  | Davide Pesavento   | 09/12/2020 02:25 PM |  |
| 4129 | repo-ng            | Feature | New         | Normal   | Management Dispatcher for repo commands  | Muktadir Chowdhury | 10/27/2018 12:50 PM |  |
| 3180 | ndn-sci            | Bug     | New         | Normal   | malformed help output  | Chengyu Fan        | 09/08/2015 09:52 AM |  |
| 4371 | ndnSIM             | Task    | New         | Normal   | Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx)   |                    | 05/08/2018 10:49 AM |  |
| 2747 | NFD                | Feature | New         | Normal   | Make StreamFace processing time constant regardless of object size   |                    | 06/11/2021 03:50 PM |  |
| 2834 | ndn-cxx            | Feature | Feedback    | Normal   | Make regex more strict   |                    | 01/23/2018 11:18 PM |  |
| 4385 | mini-ndn           | Task    | Code review | Normal   | Make NLSR logs available online when the bot fails   | Alexander Lane     | 05/30/2018 12:49 PM |  |
| 5031 | NFD                | Feature | New         | Normal   | Make NFD work out of the box   |                    | 12/01/2023 06:56 PM | self-learning                                      |
| 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 |  |
| 1840 | ndn-cxx            | Feature | New         | Low      | Make ndn URI resolution RFC3986-compliant  |                    | 06/11/2021 03:52 PM |  |
| 5166 | NFD                | Feature | New         | Normal   | Make DeadNonceList lifetime configurable   |                    | 08/13/2023 10:19 PM | DeadNonceList                                      |
| 3830 | NFD                | Task    | New         | Normal   | Make ASF strategy tests predictable  |                    | 02/02/2024 11:15 PM | ASF, unit-tests                                    |

| #    | Project    | Tracker | Status      | Priority | Subject  | Assignee       | Updated             | Tags          |
|------|------------|---------|-------------|----------|--|----------------|---------------------|---------------|
| 4193 | NFD        | Feature | In Progress | Normal   | Make ASF strategy less sensitive to timeouts   |                | 02/02/2024 11:08 PM | ASF           |
| 4941 | NFD        | Feature | New         | Normal   | LRU policy: adopt entries from another policy  |                | 05/25/2019 03:42 PM |               |
| 4659 | PSync      | Task    | Code review | Normal   | Look into using newer and better hash function   | Junxiao Shi    | 01/02/2023 08:35 PM |               |
| 4308 | mini-ndn   | Task    | New         | Normal   | Look into using docker/docker containers   |                | 01/14/2022 09:41 PM |               |
| 4794 | PSync      | Task    | New         | Normal   | Look into using ApplicationParameters instead of Name for the IBF  |                | 01/09/2022 12:41 PM |               |
| 4850 | PSync      | Task    | New         | Normal   | Look into providing a lower layer service for syncing arbitrary names  |                | 02/20/2019 11:32 AM |               |
| 3667 | ndn-cxx    | Feature | New         | Normal   | Logging facility: synchronous sink frontend  |                | 06/29/2020 11:46 PM | logging, API  |
| 3553 | ndn-cxx    | Feature | New         | Normal   | Logging facility: bounded record queue   |                | 06/07/2020 10:45 AM | logging       |
| 2726 | ndn-sci    | Task    | New         | Normal   | Load repos with CMIP5 data   | Chengyu Fan    | 04/15/2015 09:18 PM |               |
| 4859 | ndn-cxx    | Bug     | New         | Low      | libndn-cxx.pc installed in wrong location on FreeBSD   |                | 10/31/2023 11:57 PM | FreeBSD       |
| 5098 | ChronoSync | Bug     | New         | Normal   | LeafTests/LeafDigest fails on s390x  |                | 04/02/2020 01:14 PM |               |
| 3816 | ndn-cxx    | Feature | New         | Normal   | KeyRollover for high-rate data   |                | 07/07/2017 12:36 AM |               |
| 4342 | ndn-cxx    | Feature | New         | Low      | KeyChain helpers   |                | 06/29/2020 11:45 PM | security, API |
| 3709 | ndns       | Bug     | New         | Normal   | IterativeQueryController: does not process Nack  |                | 08/04/2016 10:41 PM |               |
| 3862 | NFD        | Task    | New         | Normal   | Investigate unordered CS   |                | 12/04/2018 11:42 PM |               |
| 4995 | npchat     | Task    | New         | Normal   | Investigate University Network Support   |                | 09/02/2019 08:54 AM |               |
| 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 |               |
| 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       |
| 4381 | mini-ndn   | Task    | In Progress | Normal   | Investigate porting NFD integration tests to Mini-NDN environment  | Alexander Lane | 12/04/2018 06:05 AM |               |
| 5141 | NFD        | Task    | New         | Low      | Investigate new clang PCH flags  |                | 12/01/2023 07:15 PM | waf           |
| 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 |               |
| 4069 | mini-ndn   | Task    | New         | Normal   | Investigate Mini-NDN topology link setup   |                | 12/21/2017 04:07 PM |               |
| 3055 | mini-ndn   | Task    | New         | Normal   | Investigate feasibility of integration tests which require Ethernet Face support                                 |                | 07/17/2015 12:43 PM |               |
| 4481 | mini-ndn   | Bug     | New         | Normal   | Investigate creating /ndn in user's home folder instead of /tmp  |                | 01/30/2018 12:42 PM |               |
| 4822 | PSync      | Task    | Resolved    | Normal   | Investigate (PartialProducer + Consumer) as a replacement of FullProducer  |                | 01/30/2019 02:26 PM |               |
| 1966 | NFD        | Bug     | New         | Normal   | Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression                       |                | 01/08/2021 10:37 AM |               |
| 3163 | NFD        | Feature | New         | Normal   | Insert to CS with forwarding hint  |                | 08/06/2017 08:01 AM |               |
| 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 |               |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee       | Updated             | Tags             |
|------|------------------|---------|-------------|----------|---|----------------|---------------------|------------------|
| 5257 | mGuard           | Feature | New         | Normal   | Initializing Requester Names via Controller Certs   | Adam Thieme    | 07/19/2023 09:49 PM |                  |
| 3425 | NFD-android      | Feature | New         | Normal   | Information window about local FaceUri  |                | 02/13/2019 12:48 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 |                  |
| 4043 | ndncert          | Task    | New         | Normal   | Infinite size issue of CA's storage   |                | 04/11/2017 03:21 PM |                  |
| 2592 | NFD              | Bug     | New         | Normal   | Ineffective duplicate suppression for satisfied Interest  |                | 06/30/2021 10:10 PM | DeadNonceList    |
| 5120 | NFD              | Feature | In Progress | Normal   | Increase responsiveness of ASF strategy in mobile network scenarios                             | Alexander Lane | 05/25/2023 07:39 PM | ASF              |
| 5258 | NLSR             | Feature | New         | Normal   | Increase possible range of supported Hello interest intervals and related configurable values   |                | 04/11/2023 04:20 PM |                  |
| 4238 | NLSR             | Feature | New         | Normal   | Increase independence of RoutingTable.  |                | 08/23/2017 02:48 PM |                  |
| 2406 | ndn-cxx          | Bug     | New         | Low      | Incorrect dependency calculation for version.hpp  |                | 12/01/2023 07:15 PM | waf              |
| 4458 | ICE-AR Prototype | Task    | New         | Normal   | Incorporate bluetooth beacon reading into NFD-andorid   | Yanbiao Li     | 02/08/2018 09:50 AM |                  |
| 3488 | ndnrtc           | Feature | New         | Normal   | Incorporate ARC detection into master branch  | Peter Gusev    | 03/04/2016 03:17 PM |                  |
| 2765 | ndnSIM           | Bug     | New         | Normal   | Incompatible licenses between ns-3 and ndnSIM   |                | 04/22/2015 10:14 AM |                  |
| 1813 | NLSR             | Feature | New         | Normal   | Include route flags in advertised names   |                | 01/02/2018 01:18 PM |                  |
| 4652 | jndn             | Feature | New         | Normal   | Include PrefixAnnouncement in prefix registration commands                                      |                | 07/05/2018 08:53 AM |                  |
| 3054 | mini-ndn         | Bug     | New         | Normal   | In Mini-NDN hosts cannot reach non neighbors  |                | 10/25/2016 08:14 AM |                  |
| 4715 | NAC              | Task    | New         | Normal   | In addMember, limit the secret bytes to 1 through 127   |                | 08/17/2018 04:59 PM |                  |
| 4829 | NFD              | Feature | New         | Normal   | Improve performance with TCMalloc   |                | 06/30/2019 09:43 PM |                  |
| 4996 | npchat           | Task    | New         | Normal   | Improve Multicast Discovery   |                | 09/02/2019 08:55 AM |                  |
| 4353 | NLSR             | Task    | In Progress | Normal   | Improve LSA class hierarchy and related methods.  |                | 11/03/2017 01:27 PM |                  |
| 5312 | PSync            | Task    | New         | Normal   | Improve handling of stale sync data/"no new update"   |                | 02/12/2024 09:02 PM |                  |
| 3970 | NFD              | Bug     | New         | Low      | Improve face_system error message when a ProtocolFactory is disabled                            |                | 02/19/2017 09:18 AM |                  |
| 3325 | NFD              | Task    | In Progress | Normal   | Improve FaceDataset and GeneralStatusDataset tests  |                | 11/04/2022 08:58 PM | unit-tests       |
| 4472 | NLSR             | Task    | In Progress | Normal   | Improve const-ness in codebase.   | Ryan Wickman   | 05/31/2020 10:06 AM |                  |
| 4500 | NFD              | Feature | New         | Normal   | Improve congestion detection/marketing algorithm  |                | 08/26/2020 04:44 PM | needs-discussion |
| 4550 | ndn-cxx          | Feature | New         | Normal   | Improve AES support in security::transform  |                | 01/13/2022 08:00 PM | security, API    |
| 4882 | ndn-cxx          | Task    | New         | Normal   | Improve "NDN Regular Expression" documentation  |                | 02/20/2024 02:54 AM | documentation    |
| 3175 | ndnSIM           | Bug     | New         | Normal   | ImportError: No module named doxygen  |                | 09/07/2015 12:22 PM |                  |
| 4958 | NFD              | Feature | New         | Normal   | Implicitly determine remote LpReliability support   |                | 08/26/2020 04:34 PM | needs-discussion |
| 4272 | NLSR             | Task    | New         | Normal   | Implement validation of the interest from remote router and local host                          |                | 09/06/2017 08:09 AM |                  |
| 5238 | mGuard           | Task    | In Progress | Normal   | Implement Unsubscribe feature   | Saurab Dulal   | 07/12/2023 09:55 PM |                  |
| 2772 | ndn-sci          | Task    | New         | Normal   | Implement union search  |                | 04/27/2015 09:02 AM |                  |

| #    | Project                 | Tracker | Status      | Priority | Subject   | Assignee           | Updated             | Tags    |
|------|-------------------------|---------|-------------|----------|---|--------------------|---------------------|---------|
| 2957 | NLSR                    | Task    | In Progress | Normal   | Implement Statistics publisher  | Damian Coomes      | 12/29/2020 06:54 PM |         |
| 2887 | ndn-sci                 | Task    | In Progress | Normal   | Implement Publish Agent and Adapter   | susmit shannigrahi | 07/14/2015 02:16 PM |         |
| 3917 | ndn-cxx                 | Feature | New         | Normal   | Implement InMemoryStorageTimeout  |                    | 11/04/2022 09:07 PM | API     |
| 4271 | NLSR                    | Task    | New         | Normal   | Implement common TLV system.  |                    | 09/05/2017 01:50 PM |         |
| 2953 | NLSR                    | Task    | New         | Normal   | Implement broadcast link Hello protocol   |                    | 01/02/2018 01:16 PM |         |
| 4459 | ICE-AR Prototype        | Task    | New         | Normal   | Implement and deploy authentication and access control using NMSU design                        |                    | 01/11/2018 09:03 PM |         |
| 5150 | NAC                     | Feature | New         | Normal   | Implement access revocation   |                    | 08/28/2023 04:55 AM |         |
| 2208 | ndn-cxx                 | Task    | New         | Normal   | Implement "Listening" TCP/UDP transport   |                    | 11/21/2014 01:49 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 |         |
| 3973 | NFD-android             | Feature | New         | Normal   | Identity Manager  |                    | 02/14/2019 10:39 PM |         |
| 3890 | NDN Control Center      | Task    | New         | Normal   | Identity management module  |                    | 12/14/2016 12:59 PM |         |
| 2666 | NFD-android             | Task    | New         | Normal   | Icons for navigation drawer items   |                    | 02/13/2019 12:47 PM |         |
| 4911 | PSync                   | Task    | In Progress | Low      | IBLT::listEntries should initially clear the result sets  | Junxiao Shi        | 01/19/2024 12:50 PM |         |
| 4597 | Consumer / Producer API | Task    | New         | Normal   | Howto fix it ?  |                    | 04/29/2018 06:46 AM |         |
| 4084 | NLSR                    | Feature | New         | Normal   | Hello Protocol over broadcast link  |                    | 01/02/2018 01:13 PM |         |
| 2409 | ndn-cxx                 | Bug     | New         | Low      | Headers check fails on FreeBSD  |                    | 10/31/2023 11:58 PM | FreeBSD |
| 4971 | NLSR                    | Bug     | New         | Normal   | Handle uncaught throw statements in NLSR tlv code   | Saurab Dulal       | 12/30/2020 10:06 AM |         |
| 4680 | PSync                   | Feature | New         | Normal   | Handle recovery for application   |                    | 07/24/2018 09:04 AM |         |
| 3593 | NLSR                    | Task    | New         | Normal   | Handle old state in Sync digest tree  |                    | 06/19/2017 01:05 PM |         |
| 5072 | PSync                   | Feature | New         | Normal   | Handle empty IBF  |                    | 01/02/2023 08:38 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 |         |
| 5243 | ndn-tools               | Bug     | New         | Normal   | Goodput is zero on ARMv7  |                    | 10/04/2022 04:58 PM |         |
| 3999 | ndnSIM                  | Feature | New         | Normal   | Give an example on how to create custom tags  |                    | 05/08/2018 10:55 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 |         |
| 4348 | ndncert                 | Task    | New         | Normal   | Get rid of the long term storage assumption from NDN CERT CA design                             |                    | 03/15/2018 03:02 AM |         |
| 4389 | NLSR                    | Feature | New         | Normal   | General broadcast support   |                    | 11/21/2017 11:17 AM |         |
| 4867 | PSync                   | Task    | New         | Normal   | FullSync: Investigate sending positive set difference during recovery instead of entire dataset |                    | 01/02/2023 08:35 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 |         |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags       |
|------|--------------------|---------|-------------|----------|--|--------------------|---------------------|------------|
| 5089 | PSync              | Feature | Code review | Normal   | FullSync: add support for piggybacking app data                              | Tianxing Ma        | 01/02/2023 08:44 PM |            |
| 4987 | PSync              | Task    | New         | Normal   | Full consumer in PSync   |                    | 08/29/2019 11:20 AM |            |
| 3001 | ndn-sci            | Task    | New         | Normal   | Frontend doesn't work with Chrome  |                    | 06/30/2015 01:57 PM |            |
| 5000 | NDN Specifications | Feature | New         | Normal   | ForwardingHint protocol specification  | Lixia Zhang        | 05/03/2020 07:55 AM |            |
| 2576 | NDN-CCL            | Feature | New         | Normal   | ForwardingFlags should be removed  | Jeff Burke         | 04/06/2019 01:04 PM |            |
| 4634 | repo-ng            | Feature | In Progress | Normal   | Forwarding hint support  | weijia yuan        | 05/15/2019 03:14 PM |            |
| 3028 | ndn-cxx            | Feature | New         | Normal   | ForwarderStatus: RouterName  |                    | 08/17/2015 08:03 PM |            |
| 3027 | NFD                | Feature | New         | Normal   | ForwarderStatus: RouterName  |                    | 08/21/2015 08:04 AM |            |
| 5306 | mGuard             | Task    | New         | Normal   | Fix Waf Scripts  | Adam Thieme        | 01/24/2024 04:08 AM |            |
| 4938 | npchat             | Task    | New         | Normal   | Fix Share File Button  | Jeremy Clark       | 05/21/2019 09:13 AM |            |
| 2821 | ndn-sci            | Task    | New         | Normal   | Fix output format for the translator   | susmit shannigrahi | 05/15/2015 09:59 AM |            |
| 5261 | mGuard             | Task    | New         | Normal   | fix identity-management-fixture  | Adam Thieme        | 08/19/2023 12:46 AM |            |
| 3775 | NFD-android        | Task    | New         | Normal   | Fix hard-coded private keys for prefix registrations with local NFD          |                    | 09/11/2016 01:49 PM |            |
| 3555 | ndnrtc             | Bug     | New         | Normal   | Fix "phantom user" in discovery list   | Zhehao Wang        | 03/16/2016 03:08 PM |            |
| 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 |            |
| 3401 | NDN in the browser | Bug     | Resolved    | Normal   | Firefox extension is unsigned  |                    | 05/20/2023 06:21 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 |            |
| 2538 | ndnSIM             | Task    | New         | Normal   | Figure out whether there are memory leaks in ndnSIM.                         |                    | 05/08/2018 10:52 AM |            |
| 3361 | NFD                | Feature | New         | Normal   | FIB/PIT/CS/Measurements: erase by iterator                                   |                    | 02/01/2017 02:20 PM |            |
| 5226 | mGuard             | Task    | New         | Normal   | Fetch data from real MD2K server   |                    | 06/27/2022 04:27 AM | system     |
| 4619 | mini-ndn           | Task    | New         | Normal   | Factor mininet into import calls   |                    | 05/23/2018 12:02 PM |            |
| 5317 | mGuard             | Task    | New         | Normal   | Facilitate New Users/Policies  |                    | 04/05/2024 09:33 PM |            |
| 3896 | ndn-cxx            | Bug     | New         | Normal   | FaceUri::parse doesn't reject some invalid unix:// URIs                      |                    | 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 |            |
| 3897 | ndn-cxx            | Bug     | New         | Normal   | FaceUri::canonize doesn't always validate the port number                    |                    | 08/28/2017 07:15 PM |            |
| 4324 | ndn-cxx            | Feature | In Progress | Normal   | FaceUri: per-scheme parsing  | Davide Pesavento   | 12/29/2023 06:06 PM |            |
| 4026 | NFD                | Feature | New         | Normal   | FaceSystem: use fine-grained signals from NetworkMonitor                     |                    | 10/17/2017 01:22 PM |            |
| 3377 | NFD                | Task    | In Progress | Low      | FaceManager: test suite improvement  |                    | 11/04/2022 08:59 PM | unit-tests |
| 4115 | NFD                | Bug     | New         | Low      | FaceManager doesn't reject attempts to destroy "reserved" faces              |                    | 02/03/2018 09:02 PM |            |
| 2720 | ndn-cxx            | Bug     | New         | Normal   | Face::unsetInterestFilter is ineffective before registration completes       |                    | 06/30/2015 12:24 PM |            |



| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee          | Updated             | Tags               |
|------|--------------------|---------|-------------|----------|---|-------------------|---------------------|--------------------|
| 2658 | ndn-cxx            | Feature | New         | Normal   | Face::unregisterPrefix and Face::unsetInterestFilter(RegisteredPrefixHandle): success/failure callbacks |                   | 02/18/2019 09:02 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         |
| 1785 | ndn-cxx            | Bug     | New         | Normal   | Face: transport is never paused after pushing Data  |                   | 01/23/2018 11:19 PM |                    |
| 3567 | NFD                | Task    | Feedback    | Normal   | Face system benchmark   |                   | 10/07/2023 09:50 PM |                    |
| 5232 | mini-ndn           | Feature | New         | Normal   | Face creation via topology and enable users to run NLSR in Mini-NDN-Wifi                                | Alexander Lane    | 07/18/2022 05:32 PM |                    |
| 3628 | NLSR               | Feature | New         | Normal   | External Launcher   |                   | 12/29/2020 07:02 PM | cri-yeartwo        |
| 2623 | NFD-android        | Task    | New         | Normal   | Extend log output settings  |                   | 02/13/2019 12:47 PM |                    |
| 1965 | ndns               | Task    | In Progress | Normal   | Extend documentation  | Shock Jiang       | 11/26/2014 12:24 AM |                    |
| 3465 | NFD                | Feature | New         | Normal   | Extend client auto-configuration stages to include mDNS/DNS-SD  |                   | 08/26/2020 04:52 PM | needs-discussion   |
| 4467 | NFD                | Feature | New         | Normal   | Export GenericLinkService counters  |                   | 11/04/2022 09:06 PM |                    |
| 4494 | ICE-AR Prototype   | Task    | New         | Normal   | explore the use of RxAdnroidBLE for beaconing   |                   | 02/08/2018 09:54 AM |                    |
| 3475 | NDN Specifications | Task    | New         | Normal   | Explore approach to packet prioritization   | Jeff Burke        | 08/26/2020 04:46 PM | needs-discussion   |
| 2859 | ndn-cxx            | Feature | New         | Normal   | Explicitly export public symbols  |                   | 08/28/2021 07:31 PM |                    |
| 4042 | ndncert            | Task    | New         | Normal   | Expand scope of PROBE to support more than namespace assignment   |                   | 06/02/2022 02:32 PM |                    |
| 3101 | ndn-cxx            | Task    | New         | Normal   | Exception safety of Face::onReceiveElement  |                   | 08/31/2015 11:10 AM |                    |
| 4040 | ndnSIM             | Task    | New         | Normal   | Example WiFi scenarios should disable NACK generation   | Spyros Mastorakis | 05/08/2018 10:56 AM |                    |
| 1829 | repo-ng            | Task    | New         | Normal   | Example producer to help testing / guide development application for watch protocol                     |                   | 08/06/2014 01:38 PM |                    |
| 5281 | mGuard             | Task    | New         | Normal   | Example Consumer Updates  |                   | 08/09/2023 10:02 PM |                    |
| 2285 | Signature Logger   | Task    | New         | Normal   | Examine the old sig-logger commits and fix problems when necessary                                      | Yingdi Yu         | 12/10/2014 11:00 AM |                    |
| 3369 | NFD                | Task    | New         | Normal   | EthernetTransport: test suite improvement   |                   | 11/07/2018 10:28 PM | unit-tests         |
| 4400 | NFD                | Bug     | New         | Low      | EthernetFactory should destroy unusable channels  |                   | 10/07/2023 10:02 PM |                    |
| 4376 | repo-ng            | Bug     | New         | High     | ERROR: insert command failed with code 402  |                   | 11/02/2017 03:49 PM |                    |
| 5149 | NFD                | Bug     | New         | Normal   | Error 10060 when fetching RIB dataset: Timeout exceeded   |                   | 02/26/2021 03:25 AM |                    |
| 5305 | PSync              | Task    | New         | Normal   | Enhance HELLO protol to notify consumers of new prefixes when they are added                            |                   | 12/21/2023 06:21 PM |                    |
| 5255 | mGuard             | Task    | New         | High     | Encrypt data using all possible contextual attributes   | Saurab Dulal      | 07/19/2023 09:57 PM |                    |
| 4988 | NDN-CCL            | Feature | New         | High     | Encode Interests to PacketFormat03  |                   | 10/04/2019 12:56 PM | Packet03Transition |
| 3095 | ndn-sci            | Task    | New         | Normal   | Enable multi-threads publication  |                   | 08/11/2015 01:27 PM |                    |
| 3766 | repo-ng            | Feature | New         | High     | Enable external command to trigger prefix registration with local NFD                                   |                   | 06/08/2017 10:04 AM |                    |

| #    | Project   | Tracker | Status      | Priority | Subject  | Assignee             | Updated             | Tags              |
|------|-----------|---------|-------------|----------|--|----------------------|---------------------|-------------------|
| 5209 | ndn-cxx   | Feature | New         | Normal   | Ed25519 signature type   |                      | 08/23/2023 11:50 PM | Ed25519, security |
| 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 |                   |
| 4574 | NFD       | Bug     | New         | Normal   | Dysfunctional test cases in Face/TestTcpFactory                            | Alex Afanasyev       | 12/13/2022 02:55 AM | unit-tests        |
| 4953 | npchat    | Task    | New         | Normal   | Dynamically Load Large File Data   | Jeremy Clark         | 06/07/2019 02:51 PM |                   |
| 5273 | ndnSIM    | Bug     | New         | Normal   | Duplicated commands of AddRoute and RemoveRoute do not modify FIB          | Mark Theeranantachai | 07/17/2023 12:12 PM |                   |
| 4798 | ndn-tools | Bug     | New         | Low      | Dump/TestNdnDump/MalformedIpv4Header fails on FreeBSD 11.2                 |                      | 10/31/2023 11:57 PM | FreeBSD           |
| 5266 | PSync     | Bug     | New         | Normal   | Drop sync reply freshness to prevent caching-related issues                | Alexander Lane       | 05/23/2023 06:32 PM |                   |
| 5265 | NLSR      | Bug     | In Progress | Low      | Drop HELLO data freshness from unnecessarily high value                    | Alexander Lane       | 05/23/2023 05:05 PM |                   |
| 3320 | repo-ng   | Task    | New         | High     | Downloading with a different piplines                                      | inchan hwang         | 11/05/2015 03:55 AM |                   |
| 5284 | mGuard    | Task    | New         | Normal   | Documentation Updates  |                      | 08/21/2023 06:26 PM |                   |
| 4210 | NFD       | Bug     | New         | Low      | Documentation is not mobile friendly                                       |                      | 10/07/2023 09:57 PM | documentation     |

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