

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|-------------------------|---------|--------|-----------|--|----------|---------------------|--|
| 3193 | ndn-sci | Task | New | Immediate | Add a metadata field in the Database | | 09/09/2015 06:45 PM | |
| 3405 | ChronoChat | Feature | New | Urgent | nfd-android | | 01/11/2016 10:47 AM | |
| 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 |
| 5088 | ndnrtc | Task | New | High | NDNRTC support on Ubuntu 18.04 | | 03/04/2020 12:44 PM | |
| 4988 | NDN-CCL | Feature | New | High | Encode Interests to PacketFormat03 | | 10/04/2019 12:56 PM | Packet03Transition |
| 4952 | mini-ndn | Task | New | High | Minindn nodes have no their separated namespaces | | 06/08/2019 11:16 AM | minindn-simulator, environment variable, namespace |
| 4944 | repo-ng | Bug | New | High | ndnputfile does not work | | 10/07/2023 08:49 PM | |
| 4795 | Consumer / Producer API | Task | New | High | Consumer/Producer API Build Failure | | 12/18/2018 01:36 AM | Consumer Producer API, build, error |
| 4696 | ndn-cxx | Feature | New | High | SegmentPublisher: segmentation utility | | 11/04/2022 08:50 PM | API |
| 4376 | repo-ng | Bug | New | High | ERROR: insert command failed with code 402 | | 11/02/2017 03:49 PM | |
| 4374 | repo-ng | Task | New | High | Can't insert segmented data | | 11/01/2017 09:33 AM | |
| 4344 | ndns | Task | New | High | NsCache in IterativeQueryController Need to check FreshnessPeriod before using cached data | | 10/17/2017 06:53 AM | |
| 3906 | ndns | Task | New | High | Rewrite ManagementTool's ListZone method | | 12/30/2016 10:12 PM | |
| 3767 | repo-ng | Feature | New | High | Provide option to enable prefix caching behavior | | 09/07/2016 07:53 AM | |
| 3766 | repo-ng | Feature | New | High | Enable external command to trigger prefix registration with local NFD | | 06/08/2017 10:04 AM | |
| 3053 | mini-ndn | Task | New | High | Design automatic integration test triggering by Jenkins | | 09/15/2015 12:03 PM | |
| 2942 | mini-ndn | Task | New | High | Configure experiment parameters using configuration file | | 09/13/2020 11:34 AM | |
| 2703 | ndnrtc | Bug | New | High | [NdnCon] Make possible to choose different than system audio input. | | 04/01/2015 11:32 PM | |
| 2683 | ndnrtc | Feature | New | High | [NdnCon] Edit media threads on-the-fly | | 03/23/2015 12:43 PM | |
| 2682 | ndnrtc | Feature | New | High | [NdnCon] Stream consuming indication | | 03/23/2015 12:42 PM | |
| 2674 | ndnrtc | Feature | New | High | [NdnCon] UX/UI design | | 10/31/2016 03:33 PM | |
| 2628 | NDN-CCL | Bug | New | High | Default value for Interest.Selectors.MustBeFresh should be false | | 02/08/2016 10:08 PM | |
| 2575 | NDN-CCL | Bug | New | High | Unspecified fields should not be present in packets | | 03/09/2015 01:43 PM | |
| 5317 | mGuard | Task | New | Normal | Facilitate New Users/Policies | | 04/05/2024 09:33 PM | |
| 5313 | ndn-cxx | Feature | New | Normal | ValidatorConfig: specify signed Interest fields | | 02/23/2024 07:26 PM | ValidatorConfig |
| 5312 | PSync | Task | New | Normal | Improve handling of stale sync data/"no new update" | | 02/12/2024 09:02 PM | |
| 5307 | mGuard | Bug | New | Normal | ck+encrypted data bug | | 01/09/2024 09:31 PM | |
| 5305 | PSync | Task | New | Normal | Enhance HELLO protol to notify consumers of new prefixes when they are added | | 12/21/2023 06:21 PM | |

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| 5296 | mGuard | Task | New | Normal | bundle datapoints based on attributes | | 08/31/2023 10:18 PM | |
| 5295 | mGuard | Task | New | Normal | Application needs to be able to configure time granularity | | 08/31/2023 10:17 PM | |
| 5294 | mGuard | Task | New | Normal | add time-based attributes to producer/publisher code | | 08/31/2023 10:16 PM | |
| 5292 | mGuard | Task | New | Normal | Script to automate mGuard evaluation | | 08/31/2023 09:20 PM | |
| 5291 | ndn-cxx | Feature | New | Normal | Deterministic ECDSA signing | | 11/23/2023 07:58 PM | security, openssl |
| 5290 | mGuard | Task | New | Normal | create valid trust schema for testbed experiments | | 08/19/2023 12:58 AM | |
| 5289 | mGuard | Task | New | Normal | test mGuard for possible testbed-related bugs | | 08/19/2023 12:57 AM | |
| 5288 | NFD | Feature | New | Normal | DeadNonceList with hashtable buckets | | 08/13/2023 10:14 PM | DeadNonceList |
| 5287 | mGuard | Task | New | Normal | Developer Guide | | 08/09/2023 10:09 PM | |
| 5284 | mGuard | Task | New | Normal | Documentation Updates | | 08/21/2023 06:26 PM | |
| 5281 | mGuard | Task | New | Normal | Example Consumer Updates | | 08/09/2023 10:02 PM | |
| 5280 | ndn-cxx | Bug | New | Normal | ValidityPeriod.NotAfter=99991231T235959 truncated | | 08/07/2023 06:20 PM | |
| 5258 | NLSR | Feature | New | Normal | Increase possible range of supported Hello interest intervals and related configurable values | | 04/11/2023 04:20 PM | |
| 5243 | ndn-tools | Bug | New | Normal | Goodput is zero on ARMv7 | | 10/04/2022 04:58 PM | |
| 5241 | ndn-cxx | Task | New | Normal | Redesign support for HMAC keys | | 08/24/2023 08:00 PM | security, openssl |
| 5233 | mGuard | Feature | New | Normal | Add wildcard support in both the name tree and in the parser | | 08/02/2023 09:27 PM | |
| 5231 | mini-ndn | Task | New | Normal | Set default access point/IP switch behavior to ignore SDN features | | 07/12/2022 10:45 AM | |
| 5227 | mGuard | Feature | New | Normal | Move repo interactions to a separation thread | | 06/27/2022 04:27 AM | repo, system |
| 5226 | mGuard | Task | New | Normal | Fetch data from real MD2K server | | 06/27/2022 04:27 AM | system |
| 5209 | ndn-cxx | Feature | New | Normal | Ed25519 signature type | | 08/23/2023 11:50 PM | Ed25519, security |
| 5208 | mini-ndn | Task | New | Normal | Allow for batch processing of Nfdc face creation | | 05/24/2022 12:11 PM | |
| 5207 | NFD | Feature | New | Normal | autoconfig: allow NDN-FCH service over HTTPS | | 03/05/2024 04:38 PM | |
| 5203 | ndns | Feature | New | Normal | Accommodate certificate name in KeyLocator | | 05/04/2022 01:59 PM | |
| 5177 | ndn-cxx | Feature | New | Normal | Command interest replay detection by (timestamp, nonce)-tuples | | 01/11/2022 05:43 PM | security |
| 5175 | NFD | Feature | New | Normal | Replace CityHash with a more modern hash function | | 03/17/2022 11:07 AM | |
| 5174 | mini-ndn | Task | New | Normal | ndnRoutingHelper: Use nfdc batch command to install route | | 06/24/2021 03:12 PM | |
| 5170 | mini-ndn | Task | New | Normal | Avoid using default topologies | | 06/10/2021 10:42 AM | |
| 5168 | mini-ndn | Task | New | Normal | Write documentation for the examples | | 06/04/2021 12:59 PM | |
| 5166 | NFD | Feature | New | Normal | Make DeadNonceList lifetime configurable | | 08/13/2023 10:19 PM | DeadNonceList |
| 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 | |
| 5156 | ndn-tools | Bug | New | Normal | ndncatchunks: m_nInFlight > 0 assertion failed when transferring large file | | 04/06/2021 06:00 PM | |

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|------|------------|---------|--------|----------|--|----------|---------------------|------------------|
| 5152 | NLSR | Bug | New | Normal | Problem of assigning link-cost to "zero" for neighbors in Hyperbolic Routing (HR) | | 03/01/2022 06:44 PM | |
| 5150 | NAC | Feature | New | Normal | Implement access revocation | | 08/28/2023 04:55 AM | |
| 5149 | NFD | Bug | New | Normal | Error 10060 when fetching RIB dataset: Timeout exceeded | | 02/26/2021 03:25 AM | |
| 5148 | ndn-cxx | Feature | New | Normal | ValidatorConfig: multiple sig-type restrictions in a single checker | | 12/01/2023 08:41 PM | ValidatorConfig |
| 5143 | PSync | Task | New | Normal | FullSync: Append "full-sync" to sync prefix to distinguish from partial sync (/hello and /sync) | | 01/31/2021 09:20 AM | |
| 5137 | PSync | Feature | New | Normal | PartialSync: Consumer can schedule sending sync interest before the sync interest gets expired | | 01/02/2023 08:33 PM | |
| 5132 | mini-ndn | Task | New | Normal | NLSR convergence time | | 03/30/2022 02:49 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 |
| 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 | |
| 5119 | ndn-tools | Feature | New | Normal | Mechanism to learn if a given name prefix is registered with a remote NFD | | 05/01/2022 04:41 PM | needs-discussion |
| 5113 | ndn-cxx | Feature | New | Normal | Override certificate name parts in KeyLocator | | 04/17/2022 09:44 AM | security |
| 5111 | ndn-cxx | Feature | New | Normal | ndnsec export/import: include multiple certificates in SafeBag | | 06/03/2020 09:54 AM | security |
| 5101 | NDNSD | Task | New | Normal | NDNSD Design | | 04/13/2020 09:13 PM | |
| 5099 | NDN-CCL | Task | New | Normal | NFD socket file moved to /run/nfd.sock on Linux | | 04/08/2020 11:44 AM | |
| 5098 | ChronoSync | Bug | New | Normal | LeafTests/LeafDigest fails on s390x | | 04/02/2020 01:14 PM | |
| 5094 | mini-ndn | Task | New | Normal | Document mini-ndn topologies | | 03/18/2020 08:36 AM | |
| 5073 | PSync | Task | New | Normal | If there is a jump in the sequence number, don't remove the old sequence from the IBF | | 01/02/2023 08:43 PM | |
| 5072 | PSync | Feature | New | Normal | Handle empty IBF | | 01/02/2023 08:38 PM | |
| 5070 | NLSR | Feature | New | Normal | Optionally compress the NLSR dataset | | 12/29/2020 07:04 PM | |
| 5068 | PSync | Feature | New | Normal | Compress IBF and Hello/Sync Data in Partial sync by default | | 01/02/2023 08:37 PM | |
| 5067 | PSync | Task | New | Normal | Do not serve discovery hello/sync Interest from publisher cache | | 01/02/2023 08:36 PM | |
| 5063 | mini-ndn | Task | New | Normal | Define a code style for Mini-NDN and deploy a PyLint bot to comment on gerrit | | 09/13/2020 11:54 AM | |
| 5060 | NFD | Feature | New | Normal | Congestion Detection: Monitor size of PIT vs. available memory | | 12/08/2023 07:18 PM | needs-discussion |
| 5059 | NFD | Feature | New | Normal | Congestion Detection: Monitor NIC incoming buffer queue | | 12/08/2023 07:16 PM | needs-discussion |
| 5047 | NFD | Bug | New | Normal | Router should reject /localhost prefix registration | | 06/12/2021 11:47 AM | |
| 5046 | NFD | Feature | New | Normal | Multicast strategy should send an Interest on Duplicate NACK w/ a different Nonce | | 06/12/2020 09:14 AM | |
| 5031 | NFD | Feature | New | Normal | Make NFD work out of the box | | 12/01/2023 06:56 PM | self-learning |

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| 5029 | NFD | Feature | New | Normal | Self-learning forwarding strategy v2 | | 12/01/2023 06:58 PM | self-learning |
| 5026 | NFD | Task | New | Normal | Self-learning: unit testing | | 12/01/2023 07:04 PM | self-learning, unit-tests |
| 5023 | NFD | Feature | New | Normal | Self-learning: avoid sending duplicate packets to Faces over the same physical link | | 12/01/2023 07:01 PM | self-learning |
| 5019 | npchat | Task | New | Normal | Consider How to Share User Activity Status | | 10/10/2019 02:22 PM | |
| 5018 | NFD | Bug | New | Normal | Attach PrefixAnnouncement to Data if needed in afterContentStoreHit | | 12/01/2023 06:58 PM | self-learning |
| 5017 | PSync | Feature | New | Normal | Set IBF size dynamically based on observation without requiring uniform IBF size | | 10/09/2019 11:23 AM | |
| 5007 | ndn-cxx | Feature | New | Normal | CertificateBundle fetcher | | 12/01/2023 08:25 PM | CertificateBundle |
| 5006 | ndn-cxx | Feature | New | Normal | CertificateBundle producer | | 12/01/2023 08:23 PM | CertificateBundle |
| 5005 | ndn-cxx | Feature | New | Normal | CertificateBundle publisher | | 12/01/2023 08:24 PM | CertificateBundle |
| 5002 | ndnSIM | Bug | New | Normal | topologyReader.ApplyOspfMetric() doesn't work unless ndn::StackHelper is installed | | 09/18/2019 01:54 PM | |
| 4999 | NDN-CCL | Bug | New | Normal | CI documentation build relies on Python 2 | | 10/03/2019 07:21 PM | |
| 4996 | npchat | Task | New | Normal | Improve Multicast Discovery | | 09/02/2019 08:55 AM | |
| 4995 | npchat | Task | New | Normal | Investigate University Network Support | | 09/02/2019 08:54 AM | |
| 4994 | npchat | Task | New | Normal | Use Discovery Protocols With Wifi Direct | | 09/02/2019 08:16 AM | |
| 4993 | npchat | Task | New | Normal | Display Information About Friendship Process On Screen | | 09/02/2019 08:14 AM | |
| 4991 | npchat | Task | New | Normal | Register One Route Instead of Multiple | | 08/30/2019 01:37 PM | |
| 4987 | PSync | Task | New | Normal | Full consumer in PSync | | 08/29/2019 11:20 AM | |
| 4986 | npchat | Task | New | Normal | Allow User to Choose Whether or Fetch Old Files from New Friend | | 08/29/2019 08:10 AM | |
| 4977 | ndncert | Feature | New | Normal | ndncert-client: non-interactive mode | | 09/10/2019 11:28 AM | |
| 4973 | NFD | Feature | New | Normal | Self-learning: switch from multicast to unicast on Wi-Fi infrastructure | | 12/01/2023 06:55 PM | self-learning |
| 4972 | NFD | Task | New | Normal | Migrate WebSocket face to Boost.Beast | | 07/27/2019 12:11 PM | |
| 4963 | npchat | Task | New | Normal | Properly handle receiving multiple images from the same friend | | 06/30/2019 10:46 AM | |
| 4958 | NFD | Feature | New | Normal | Implicitly determine remote LpReliability support | | 08/26/2020 04:34 PM | needs-discussion |
| 4948 | NFD-android | Bug | New | Normal | Multiple screen overlapping after rotating the phone | | 09/01/2019 09:02 PM | |
| 4943 | NFD | Feature | New | Normal | CsMgmt: retrieve and change cache policy | | 05/25/2019 03:54 PM | |
| 4942 | NFD | Feature | New | Normal | Priority FIFO policy: adopt entries from another policy | | 05/25/2019 03:45 PM | |
| 4941 | NFD | Feature | New | Normal | LRU policy: adopt entries from another policy | | 05/25/2019 03:42 PM | |
| 4940 | NFD | Feature | New | Normal | Runtime cache policy change | | 05/25/2019 03:39 PM | |
| 4921 | NLSR | Feature | New | Normal | Change LSA prefix to /localhop/[network]/[site]/[router]/NLSR/LSA/[lsa-type]/ | | 12/29/2020 07:04 PM | |
| 4920 | NLSR | Task | New | Normal | Set best-route strategy for LSAs | | 04/21/2019 04:50 PM | |

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| 4919 | NLSR | Bug | New | Normal | Schedule hello interest after FACE_EVENT_CREATED is received | | 04/21/2019 04:40 PM | |
| 4915 | NFD | Feature | New | Normal | ASF should check PIT entry for other un-NACK'd inrecord nonces after receiving duplicate NACK | | 02/02/2024 11:05 PM | ASF |
| 4903 | NFD | Feature | New | Normal | ASF strategy should try alternative paths (if available) if a NACK is received | | 02/02/2024 11:06 PM | ASF |
| 4899 | PSync | Task | New | Normal | Add guideline document for setting sync lifetime | | 03/29/2019 02:04 PM | |
| 4893 | ndn-tools | Feature | New | Normal | ndncatchunks: have Consumer use ValidatorConfig | | 12/01/2023 08:43 PM | ValidatorConfig |
| 4886 | NFD | Feature | New | Normal | ASF strategy should give the same probing probability to next hops that have the same rank (cost) | | 02/02/2024 11:08 PM | ASF |
| 4882 | ndn-cxx | Task | New | Normal | Improve "NDN Regular Expression" documentation | | 02/20/2024 02:54 AM | documentation |
| 4880 | ndn-cxx | Task | New | Normal | Add randomness to exponential retry on Nack in CertificateFetcherFromNetwork | | 02/12/2021 10:57 AM | |
| 4873 | jndn | Task | New | Normal | [Android] Incorrect PibImpl when creating KeyChain with pib-sqlite3 pib-locator | | 03/19/2019 03:13 PM | |
| 4870 | NFD-android | Bug | New | Normal | Persistent notification is posted when NFD is not running | | 08/24/2023 08:44 PM | |
| 4868 | NLSR | Feature | New | Normal | Insert the keys and LSA into a local repo so other router's can retrieve independent of cache or nlsr | | 12/29/2020 07:04 PM | |
| 4867 | PSync | Task | New | Normal | FullSync: Investigate sending positive set difference during recovery instead of entire dataset | | 01/02/2023 08:35 PM | |
| 4866 | ndn-tools | Bug | New | Normal | ndnputchunks consumes a large amount of RAM | | 01/27/2020 02:45 PM | |
| 4864 | PSync | Feature | New | Normal | Consumer send hello and sync interest automatically | | 01/02/2023 08:45 PM | |
| 4863 | PSync | Feature | New | Normal | Modify Consumer to support syncing with multiple producers | | 01/02/2023 08:45 PM | |
| 4857 | NFD | Feature | New | Normal | Discover other NFD nodes on WiFi network using ARP | | 08/26/2020 04:35 PM | needs-discussion |
| 4850 | PSync | Task | New | Normal | Look into providing a lower layer service for syncing arbitrary names | | 02/20/2019 11:32 AM | |
| 4847 | PSync | Feature | New | Normal | Call addUserNode if prefix not present in publishName | | 01/02/2023 08:45 PM | |
| 4829 | NFD | Feature | New | Normal | Improve performance with TCMalloc | | 06/30/2019 09:43 PM | |
| 4828 | NFD-android | Bug | New | Normal | Wifi Direct Will Not Reconnect After nfd-restart Using Button Inside NFD-android | | 02/02/2019 11:22 AM | |
| 4820 | ndn-tools | Feature | New | Normal | Wireshark dissector: follow TCP stream | | 01/28/2019 10:29 AM | |
| 4803 | NLSR | Task | New | Normal | Abstract segment fetcher functionality in separate LSA fetcher class | | 05/31/2020 10:04 AM | |
| 4801 | mini-ndn | Task | New | Normal | Add documentation to show NLSR setup with switches in topology | | 01/07/2019 10:25 AM | |
| 4794 | PSync | Task | New | Normal | Look into using ApplicationParameters instead of Name for the IBF | | 01/09/2022 12:41 PM | |
| 4792 | mini-ndn | Bug | New | Normal | NFDC does not work when ran through popen | | 06/19/2019 04:34 AM | |
| 4776 | ndn-cxx | Feature | New | Normal | Re-design SegmentFetcher | | 08/26/2020 04:36 PM | API, needs-discussion |
| 4773 | NFD | Feature | New | Normal | Detect up/down status of point-to-point links by BFD | | 08/26/2020 04:36 PM | needs-discussion |
| 4772 | PSync | Task | New | Normal | Update our IBF when we detect future hash and renew sync interest | | 01/02/2023 08:35 PM | |

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| 4765 | NFD-android | Feature | New | Normal | ndnping server | | 09/01/2023 02:35 AM | |
| 4762 | NFD | Feature | New | Normal | Add a new UnsolicitedDataPolicy that admits unsolicited data by prefix | | 01/11/2022 02:45 PM | |
| 4738 | ndnSIM | Task | New | Normal | Make ndnSIM compatible with base NS-3 and publish on https://apps.nsnam.org/ | | 03/28/2019 06:26 PM | |
| 4724 | NFD | Feature | New | Normal | Configuration reload in RIB | | 08/27/2018 09:50 AM | |
| 4715 | NAC | Task | New | Normal | In addMember, limit the secret bytes to 1 through 127 | | 08/17/2018 04:59 PM | |
| 4708 | NFD | Feature | New | Normal | UDP faces: support toggling v4 and v6 multicast independently | | 08/27/2019 08:43 PM | |
| 4700 | NFD | Feature | New | Normal | Strategy API: trigger strategy upon face state change | | 10/19/2019 12:13 PM | |
| 4699 | ndn-cxx | Feature | New | Normal | Dispatcher: use SegmentPublisher in StatusDatasetContext | | 08/07/2018 02:00 PM | |
| 4695 | ndn-tools | Feature | New | Normal | ndndump: display Ethernet addresses | | 08/05/2018 02:59 PM | |
| 4680 | PSync | Feature | New | Normal | Handle recovery for application | | 07/24/2018 09:04 AM | |
| 4678 | NAC | Task | New | Normal | Use onFailure instead of BOOST_THROW_EXCEPTION in Decryptor::doDecrypt? | | 07/23/2018 01:56 PM | |
| 4677 | PSync | Feature | New | Normal | Add simpler way for consumer to subscribe to full data set | | 01/02/2023 08:44 PM | |
| 4666 | NDN Specifications | Feature | New | Normal | Namespace catalog protocol | | 08/26/2020 04:37 PM | needs-discussion |
| 4653 | NAC | Task | New | Normal | Should the new code be hard-wired to AES_CBC? | | 07/06/2018 01:40 PM | |
| 4652 | jndn | Feature | New | Normal | Include PrefixAnnouncement in prefix registration commands | | 07/05/2018 08:53 AM | |
| 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 | |
| 4644 | mini-ndn | Bug | New | Normal | Mini-NDN checks for nlsr dependency with --no-nlsr option | | 06/27/2018 09:42 AM | |
| 4637 | ndn-tools | Task | New | Normal | ndncatchunks: use SegmentFetcher | | 06/07/2020 10:31 AM | code-cleanup |
| 4620 | NLSR | Task | New | Normal | Update NLSR Developer's guide to reflect re-built LSDB. | | 05/25/2018 09:40 AM | |
| 4619 | mini-ndn | Task | New | Normal | Factor mininet into import calls | | 05/23/2018 12:02 PM | |
| 4617 | mini-ndn | Task | New | Normal | Test SUMO capabilities | | 05/21/2018 10:36 AM | wifi |
| 4616 | mini-ndn | Task | New | Normal | Test VANET capabilities | | 05/21/2018 10:15 AM | wifi |
| 4613 | mini-ndn | Task | New | Normal | Move from scripting NFDC to directly interfacing with NFD Management | | 05/18/2018 10:42 AM | |
| 4608 | ndnSIM | Task | New | Normal | Remove "old" content store | | 05/08/2018 11:56 AM | |
| 4600 | NFD | Feature | New | Normal | Redesign NFD Management protocol to use ApplicationParameters | | 08/26/2020 04:38 PM | needs-discussion |
| 4597 | Consumer / Producer API | Task | New | Normal | Howto fix it ? | | 04/29/2018 06:46 AM | |
| 4572 | NFD | Feature | New | Normal | nfdc route add: support local+remote FaceUri matching to identify nexthop face | | 06/09/2021 02:12 PM | |
| 4561 | NLSR | Task | New | Normal | Add unit test for checking the published contents | | 03/28/2018 03:13 PM | |
| 4554 | Packaging | Bug | New | Normal | ndn-autoconfig-client: prefix registration failure | | 03/23/2018 09:04 PM | |

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| 4550 | ndn-cxx | Feature | New | Normal | Improve AES support in security::transform | | 01/13/2022 08:00 PM | security, API |
| 4549 | NLSR | Bug | New | Normal | NLSR currently segments LSAs very conservatively | | 08/14/2023 11:05 AM | |
| 4541 | NLSR | Feature | New | Normal | Propagate Strategy choice for a prefix through routing | | 03/07/2018 02:43 PM | |
| 4539 | NFD | Task | New | Normal | Management: collect all TLV-TYPE number assignments on the same page | | 08/27/2019 08:39 PM | |
| 4537 | ndn-cxx | Bug | New | Normal | Validator doesn't properly handle exceptions from the callbacks | | 03/05/2018 08:19 PM | |
| 4529 | NFD | Feature | New | Normal | Merge NFD-RIB into management thread | | 03/02/2018 03:25 PM | |
| 4525 | ChronoSync | Bug | New | Normal | Destructing a ChronoSync socket object shuts down the face | | 03/02/2018 10:33 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 |
| 4512 | NLSR | Task | New | Normal | Add unit tests for checking the contents of sync data on the wire | | 02/19/2018 08:26 PM | |
| 4505 | NFD | Feature | New | Normal | nfdc: TAB completion for command names | | 02/14/2018 05:49 PM | |
| 4500 | NFD | Feature | New | Normal | Improve congestion detection/marketing algorithm | | 08/26/2020 04:44 PM | needs-discussion |
| 4495 | ChronoSync | Bug | New | Normal | Strange buffer overflow / random crash of chronosync::Socket related to ndn::InMemoryStorage | | 02/11/2018 07:46 PM | |
| 4494 | ICE-AR Prototype | Task | New | Normal | explore the use of RxAdnroidBLE for beaconing | | 02/08/2018 09:54 AM | |
| 4492 | NFD | Task | New | Normal | nfdc XML report and nfd-status-http-server test case | | 01/14/2022 09:33 PM | unit-tests |
| 4486 | ndn-sci | Task | New | Normal | NDN Performance evaluation for scientific data - request for comments | | 02/02/2018 03:04 PM | |
| 4481 | mini-ndn | Bug | New | Normal | Investigate creating /ndn in user's home folder instead of /tmp | | 01/30/2018 12:42 PM | |
| 4477 | NFD | Feature | New | Normal | Support configuring LpReliability options | | 01/25/2018 02:28 PM | |
| 4467 | NFD | Feature | New | Normal | Export GenericLinkService counters | | 11/04/2022 09:06 PM | |
| 4459 | ICE-AR Prototype | Task | New | Normal | Implement and deploy authentication and access control using NMSU design | | 01/11/2018 09:03 PM | |
| 4447 | NFD | Feature | New | Normal | Provide measurements dataset for ASF strategy | | 01/09/2018 12:18 PM | |
| 4446 | NFD | Feature | New | Normal | Measurements query operation | | 02/21/2018 08:56 PM | |
| 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 | |
| 4408 | NFD | Bug | New | Normal | NFD throughput using large chunk is low | | 01/22/2018 03:34 PM | |
| 4389 | NLSR | Feature | New | Normal | General broadcast support | | 11/21/2017 11:17 AM | |
| 4375 | repo-ng | Bug | New | Normal | Unrecognized 'registration-subset' option in 'tcp_bulk_insert' section in configuration file | | 11/06/2017 07:39 AM | |
| 4373 | NLSR | Task | New | Normal | Refactor ndnSIM port to use the NLSR statistics system. | | 10/31/2017 01:35 PM | |
| 4371 | ndnSIM | Task | New | Normal | Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx) | | 05/08/2018 10:49 AM | |
| 4363 | NFD | Feature | New | Normal | Adjust Multipath Forwarding Strategy based on Congestion Marks | | 12/08/2023 07:20 PM | needs-discussion |
| 4356 | repo-ng | Bug | New | Normal | Unrecognized 'registration-subset' option | | 10/24/2017 11:17 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|----------|---------|--------|----------|--|----------|---------------------|---------------|
| 4350 | ndn-cxx | Feature | New | Normal | Combine the direct fetch and key bundle | | 10/19/2017 10:47 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 | |
| 4346 | ndncert | Feature | New | Normal | Need trust anchor storage support from ndn-cxx | | 10/18/2017 12:37 PM | |
| 4343 | NFD | Feature | New | Normal | ASF strategy should isolate timed-out or NACK'd interests into separate namespaces | | 07/28/2023 10:20 PM | ASF |
| 4338 | mini-ndn | Task | New | Normal | Use persistent face instead of permanent face for NLSR in Mini-NDN | | 10/20/2017 10:51 AM | |
| 4330 | mini-ndn | Feature | New | Normal | Specifying per-node delays at topology setup | | 12/21/2017 04:28 PM | |
| 4329 | mini-ndn | Feature | New | Normal | Support per-node, arbitrary actions at different points during an experiment. | | 12/21/2017 04:29 PM | |
| 4320 | ndnSIM | Task | New | Normal | assign custom colors, description on NDN based nodes | | 05/08/2018 10:50 AM | |
| 4317 | NFD | Feature | New | Normal | Content Store enumeration | | 10/01/2017 09:26 PM | |
| 4308 | mini-ndn | Task | New | Normal | Look into using docker/docker containers | | 01/14/2022 09:41 PM | |
| 4298 | NFD | Feature | New | Normal | Add some random jitter to probing interval in ASF strategy | | 02/02/2024 11:10 PM | ASF |
| 4281 | NFD | Feature | New | Normal | Develop self-learning for broadcast and ad hoc wireless faces | | 12/01/2023 07:00 PM | self-learning |
| 4272 | NLSR | Task | New | Normal | Implement validation of the interest from remote router and local host | | 09/06/2017 08:09 AM | |
| 4271 | NLSR | Task | New | Normal | Implement common TLV system. | | 09/05/2017 01:50 PM | |
| 4270 | NLSR | Task | New | Normal | Write tests for the common TLV system. | | 09/05/2017 01:48 PM | |
| 4269 | NLSR | Task | New | Normal | Design common TLV system. | | 09/05/2017 01:50 PM | |
| 4267 | NLSR | Feature | New | Normal | Remove explicit TLV classes | | 09/05/2017 01:50 PM | |
| 4238 | NLSR | Feature | New | Normal | Increase independence of RoutingTable. | | 08/23/2017 02:48 PM | |
| 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 | |
| 4192 | NLSR | Feature | New | Normal | Secure launcher for NLSR | | 12/29/2020 07:03 PM | cri-yeartwo |
| 4166 | NFD | Feature | New | Normal | autoconfig: consider ad hoc wireless faces | | 01/25/2018 02:09 PM | |
| 4165 | NFD | Bug | New | Normal | autoconfig daemon mode: dampening mechanism may cause starvation | | 07/05/2017 11:04 PM | |
| 4153 | ndns | Task | New | Normal | Add Cache resolver for NDNS | | 06/25/2017 01:38 AM | |
| 4151 | ndns | Task | New | Normal | Add certificate fetcher for both NDNS stored-certificate and NDNS certificate | | 06/25/2017 01:20 AM | |
| 4148 | NFD | Feature | New | Normal | Add Bluetooth RFCOMM face | | 01/23/2020 02:56 PM | |
| 4145 | NFD | Feature | New | Normal | NDN over Wi-Fi Direct for Linux | | 04/25/2019 06:24 PM | |
| 4138 | NLSR | Task | New | Normal | Add Prefix Update Processor section nlsr doc | | 06/19/2017 10:37 AM | |
| 4126 | NLSR | Feature | New | Normal | NLSR Troubleshooting Documentation | | 12/29/2020 07:03 PM | cri-yearone |
| 4114 | mini-ndn | Bug | New | Normal | Minindndedit writes the same hostname for each node without any error | | 12/21/2017 04:32 PM | |
| 4113 | NFD | Feature | New | Normal | Use auto-detected "ad hoc" attribute to create faces | | 10/17/2017 01:23 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|--------------------|---------|--------|----------|--|----------|---------------------|-------------------------|
| 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 | |
| 4084 | NLSR | Feature | New | Normal | Hello Protocol over broadcast link | | 01/02/2018 01:13 PM | |
| 4078 | mini-ndn | Task | New | Normal | Use popen in ndn_application | | 06/07/2018 07:40 AM | |
| 4069 | mini-ndn | Task | New | Normal | Investigate Mini-NDN topology link setup | | 12/21/2017 04:07 PM | |
| 4061 | named-data.net | Bug | New | Normal | 500 error when pasting "Beer Mug Emoji" | | 04/20/2017 10:59 AM | |
| 4056 | NFD | Feature | New | Normal | Allow strategy to choose delegation name from forwarding hint | | 04/19/2017 04:50 PM | |
| 4043 | ndncert | Task | New | Normal | Infinite size issue of CA's storage | | 04/11/2017 03:21 PM | |
| 4042 | ndncert | Task | New | Normal | Expand scope of PROBE to support more than namespace assignment | | 06/02/2022 02:32 PM | |
| 4026 | NFD | Feature | New | Normal | FaceSystem: use fine-grained signals from NetworkMonitor | | 10/17/2017 01:22 PM | |
| 4019 | ndn-cxx | Feature | New | Normal | "ad hoc" detection on macOS | | 06/08/2020 05:43 PM | macOS |
| 3999 | ndnSIM | Feature | New | Normal | Give an example on how to create custom tags | | 05/08/2018 10:55 AM | |
| 3996 | NLSR | Task | New | Normal | Add Nack functionality (wherever needed) in expressInterestMethod() | | 01/02/2018 02:01 PM | |
| 3994 | ndncert | Task | New | Normal | Add validator instance for each CA | | 03/13/2017 12:47 PM | |
| 3993 | mini-ndn | Bug | New | Normal | Older version of Mininet should not break execution | | 03/13/2017 11:28 AM | |
| 3978 | mini-ndn | Feature | New | Normal | Design a mechanism to test NLSR with muliplte networks in the same topology | | 09/13/2020 11:55 AM | |
| 3973 | NFD-android | Feature | New | Normal | Identity Manager | | 02/14/2019 10:39 PM | |
| 3945 | NFD | Feature | New | Normal | DeadNonceList counters | | 06/30/2021 10:11 PM | DeadNonceList |
| 3939 | NFD-android | Task | New | Normal | WiFi Direct support | | 02/02/2017 08:33 PM | |
| 3917 | ndn-cxx | Feature | New | Normal | Implement InMemoryStorageTimeout | | 11/04/2022 09:07 PM | API |
| 3916 | ndn-cxx | Task | New | Normal | Rewrite security tutorial | | 06/07/2020 05:50 PM | security, documentation |
| 3907 | ndn-cxx | Feature | New | Normal | Certificate API to enumerate extensions | | 06/29/2020 11:46 PM | security, API |
| 3905 | ndns | Task | New | Normal | Refactory ndns-update and ndns-add-rr | | 12/30/2016 02:56 PM | |
| 3902 | ndn-tools | Bug | New | Normal | ndncatchunks with AIMD pipeline randomly hangs after transfer is complete | | 10/07/2023 09:55 PM | |
| 3901 | NDN Control Center | Task | New | Normal | Create bash-completion script for `ndn` command | | 12/23/2016 07:23 PM | |
| 3897 | ndn-cxx | Bug | New | Normal | FaceUri::canonize doesn't always validate the port number | | 08/28/2017 07:15 PM | |
| 3896 | ndn-cxx | Bug | New | Normal | FaceUri::parse doesn't reject some invalid unix:// URIs | | 08/28/2017 07:15 PM | |
| 3895 | NFD | Task | New | Normal | Write a style file for clang-format | | 12/20/2022 02:19 AM | needs-discussion |
| 3890 | NDN Control Center | Task | New | Normal | Identity management module | | 12/14/2016 12:59 PM | |
| 3889 | NFD | Bug | New | Normal | Retransmission suppression is too aggressive | | 08/25/2017 01:09 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|--------------------|---------|--------|----------|---|----------|---------------------|------------------|
| 3887 | NFD | Feature | New | Normal | Available strategies dataset | | 12/12/2016 09:00 PM | |
| 3862 | NFD | Task | New | Normal | Investigate unordered CS | | 12/04/2018 11:42 PM | |
| 3842 | NLSR | Task | New | Normal | Add timestamp information for LSAs in LSDB | | 05/24/2017 03:54 PM | |
| 3840 | NFD-android | Feature | New | Normal | mDNS discovery of other NFD nodes on WiFi network | | 08/26/2020 04:48 PM | needs-discussion |
| 3831 | NFD | Feature | New | Normal | Add RIB routes for automatically created permanent faces | | 10/28/2016 09:51 AM | |
| 3830 | NFD | Task | New | Normal | Make ASF strategy tests predictable | | 02/02/2024 11:15 PM | ASF, unit-tests |
| 3824 | NFD | Feature | New | Normal | NetworkRegionTable dataset | | 10/07/2023 09:52 PM | needs-discussion |
| 3816 | ndn-cxx | Feature | New | Normal | KeyRollover for high-rate data | | 07/07/2017 12:36 AM | |
| 3807 | NFD | Task | New | Normal | Content store profiling | | 10/07/2023 09:51 PM | |
| 3804 | NDN Specifications | Feature | New | Normal | SignatureHmacWithSha256_128 | | 07/29/2023 08:48 PM | needs-discussion |
| 3803 | ndn-cxx | Bug | New | Normal | Default-constructed Link is encoded with ContentType==BLOB if no delegation is added | | 05/27/2022 03:47 AM | |
| 3775 | NFD-android | Task | New | Normal | Fix hard-coded private keys for prefix registrations with local NFD | | 09/11/2016 01:49 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 | |
| 3768 | repo-ng | Feature | New | Normal | Storage management / quota features | | 09/07/2016 07:55 AM | |
| 3726 | ndn-cxx | Feature | New | Normal | Controller logging | | 06/07/2020 10:47 AM | logging |
| 3719 | ChronoChat | Bug | New | Normal | NfdConnectionChecker: does not process Nack | | 08/04/2016 10:57 PM | |
| 3718 | ChronoChat | Bug | New | Normal | ControllerBackend: does not process Nack | | 08/04/2016 10:57 PM | |
| 3717 | ChronoChat | Bug | New | Normal | ControllerBackend: does not process Nack | | 08/04/2016 10:57 PM | |
| 3710 | ndns | Bug | New | Normal | NdnsUpdate: does not process Nack | | 08/04/2016 10:41 PM | |
| 3709 | ndns | Bug | New | Normal | IterativeQueryController: does not process Nack | | 08/04/2016 10:41 PM | |
| 3690 | ndn-tools | Feature | New | Normal | ndncatchunks: add option to write received data to a file | | 07/29/2016 10:02 PM | |
| 3667 | ndn-cxx | Feature | New | Normal | Logging facility: synchronous sink frontend | | 06/29/2020 11:46 PM | logging, API |
| 3663 | ndn-cxx | Feature | New | Normal | NotificationSubscriber: Validator | | 02/12/2018 12:28 PM | |
| 3656 | ndnSIM | Bug | New | Normal | Python bindings enumeration for old-style content store | | 05/08/2018 10:55 AM | |
| 3628 | NLSR | Feature | New | Normal | External Launcher | | 12/29/2020 07:02 PM | cri-yeartwo |
| 3626 | NLSR | Feature | New | Normal | Use IncomingFaceId tag to direct LSA Interests | | 12/29/2020 07:02 PM | |
| 3611 | NDN in the browser | Task | New | Normal | Micro Forwarder README | | 05/20/2023 06:22 AM | |
| 3593 | NLSR | Task | New | Normal | Handle old state in Sync digest tree | | 06/19/2017 01:05 PM | |
| 3592 | NDN Specifications | Feature | New | Normal | Design mechanism to reliably identify content object name | | 05/27/2017 09:31 AM | |
| 3584 | NDN in the browser | Task | New | Normal | Micro Forwarder: Update the Hackathon page | | 04/01/2016 04:14 PM | |
| 3561 | ndn-cxx | Task | New | Normal | Add a FOO_MAX enumerator to all public enumerations | | 06/29/2020 11:47 PM | API |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|--------------------|---------|--------|----------|---|----------|---------------------|------------------|
| 3557 | ndnSIM | Bug | New | Normal | Problem in generating the graphs pdf files for ndnSIM-ddos-interest-flooding project | | 11/10/2016 11:40 AM | |
| 3553 | ndn-cxx | Feature | New | Normal | Logging facility: bounded record queue | | 06/07/2020 10:45 AM | logging |
| 3534 | ndnrtc | Task | New | Normal | [ndncon/ndnrtc] Bugfixing and optimization | | 03/15/2016 06:17 PM | |
| 3482 | NFD | Task | New | Normal | Document expected packet processing performance | | 10/07/2023 09:47 PM | documentation |
| 3476 | NFD | Task | New | Normal | Design NFD instrumentation | | 03/15/2019 11:17 AM | |
| 3473 | ndnrtc | Bug | New | Normal | [NdnCon] chatroom message scroll position not preserved upon maximize | | 02/24/2016 03:16 PM | |
| 3465 | NFD | Feature | New | Normal | Extend client auto-configuration stages to include mDNS/DNS-SD | | 08/26/2020 04:52 PM | needs-discussion |
| 3462 | NFD-android | Feature | New | Normal | StrategyChoice fragment | | 02/13/2019 12:49 PM | |
| 3457 | NFD-android | Task | New | Normal | Collect and notify apps about routable prefixes | | 02/13/2019 12:48 PM | |
| 3456 | NFD-android | Feature | New | Normal | Test coverage | | 02/13/2019 12:49 PM | |
| 3454 | NLSR | Feature | New | Normal | Support NLSR to run over direct links | | 02/01/2016 06:08 PM | |
| 3441 | NFD-android | Feature | New | Normal | Channels fragment | | 02/13/2019 12:48 PM | |
| 3425 | NFD-android | Feature | New | Normal | Information window about local FaceUri | | 02/13/2019 12:48 PM | |
| 3422 | NDN in the browser | Task | New | Normal | ndn protocol add-on: Rewrite deprecated XPCOM and XUL | | 05/20/2023 06:21 AM | |
| 3420 | NFD | Feature | New | Normal | best-route: return Nack if nexthops are DOWN | | 01/19/2016 03:48 PM | |
| 3413 | NLSR | Task | New | Normal | Reattempt LSA fetch based on SegmentFetcher failure specific error codes | | 01/14/2016 01:35 PM | |
| 3412 | ndn-cxx | Feature | New | Normal | SegmentFetcher: onError signal should report more specific failure information | | 06/02/2018 06:42 PM | |
| 3402 | NDN in the browser | Feature | New | Normal | TLS WebSocket endpoint on testbed | | 07/24/2017 07:45 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 | |
| 3369 | NFD | Task | New | Normal | EthernetTransport: test suite improvement | | 11/07/2018 10:28 PM | unit-tests |
| 3361 | NFD | Feature | New | Normal | FIB/PIT/CS/Measurements: erase by iterator | | 02/01/2017 02:20 PM | |
| 3333 | NFD | Feature | New | Normal | Design Interest digest | | 08/26/2020 04:52 PM | needs-discussion |
| 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 | |
| 3304 | repo-ng | Task | New | Normal | ndnputfile ERROR: check response timeout | | 11/03/2015 05:08 AM | |
| 3283 | NDN Specifications | Feature | New | Normal | Multiple signature design | | 01/13/2022 07:02 PM | needs-discussion |
| 3277 | NLSR | Feature | New | Normal | NLSR messages should include process ID | | 12/29/2020 07:02 PM | cri-yeartwo |
| 3271 | mini-ndn | Task | New | Normal | Add automatic testing of Mini-NDN patches on gerrit | | 12/21/2017 04:10 PM | |
| 3261 | NFD | Task | New | Normal | App-developer oriented docs summarizing autoconfiguration steps | | 10/07/2023 09:40 PM | documentation |
| 3255 | NLSR | Bug | New | Normal | Node with old certs prevents neighbors from converging | | 10/09/2015 08:19 AM | |
| 3250 | ndnrtc | Bug | New | Normal | [NdnCon] crash after entering very long username | | 10/08/2015 01:49 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|------------|---------|--------|----------|--|----------|---------------------|------|
| 3247 | ndnrtc | Bug | New | Normal | [NdnCon] crash after stop publishing | | 10/07/2015 03:09 PM | |
| 3245 | ndnrtc | Bug | New | Normal | [NdnCon] segfault after adding two threads with same names to an audio stream | | 10/07/2015 01:43 PM | |
| 3243 | ndn-tools | Feature | New | Normal | ndndump: follow TCP stream | | 08/05/2018 03:09 PM | |
| 3242 | ndnrtc | Bug | New | Normal | [NdnCon] fail to discover chatrooms with tpm-file | | 10/07/2015 11:33 AM | |
| 3224 | ChronoSync | Task | New | Normal | Renaming common.hpp to common-chronosync.hpp | | 09/23/2015 04:28 PM | |
| 3219 | NFD | Bug | New | Normal | AccessStrategy measurements ineffective for NDN-RTC traffic | | 07/06/2016 01:49 PM | |
| 3217 | ndn-cxx | Feature | New | Normal | Avoid memory copy when creating Ip::Packet from Fragment | | 01/25/2018 01:12 PM | |
| 3216 | ndn-cxx | Feature | New | Normal | Copy-on-write buffer abstraction and refactor Block | | 10/17/2017 01:15 PM | |
| 3215 | NFD | Bug | New | Normal | NFD crash with "open /dev/urandom operation failed" when reaching ulimit | | 08/01/2016 02:56 PM | |
| 3198 | ndn-tools | Feature | New | Normal | Wireshark dissector: NDNLv2 reassembly | | 09/11/2015 05:40 PM | |
| 3182 | ndn-sci | Bug | New | Normal | atoms-catalog crashes if database is not available | | 09/08/2015 09:58 AM | |
| 3175 | ndnSIM | Bug | New | Normal | ImportError: No module named doxygen | | 09/07/2015 12:22 PM | |
| 3163 | NFD | Feature | New | Normal | Insert to CS with forwarding hint | | 08/06/2017 08:01 AM | |
| 3162 | NFD | Feature | New | Normal | PIT: index with forwarding hint | | 08/06/2017 08:00 AM | |
| 3161 | NFD | Feature | New | Normal | CS: partition by forwarding hint | | 08/06/2017 07:57 AM | |
| 3145 | NFD | Feature | New | Normal | Collect and publish routable-prefixes | | 01/23/2018 11:22 PM | |
| 3143 | NFD | Feature | New | Normal | Discover RIB management prefix of connected gateway router | | 01/23/2018 11:25 PM | |
| 3142 | NFD | Feature | New | Normal | Configurable top-level prefixes for NFD-RIB | | 11/05/2019 09:16 AM | |
| 3141 | NFD | Feature | New | Normal | Configurable top-level prefixes for NFD management | | 08/28/2015 03:41 PM | |
| 3129 | ndnSIM | Feature | New | Normal | Replace or abstract random number generation with NS-3 facilities | | 05/08/2018 10:53 AM | |
| 3121 | ndnSIM | Task | New | Normal | Update FibHelper to use RIB management | | 05/08/2018 10:53 AM | |
| 3101 | ndn-cxx | Task | New | Normal | Exception safety of Face::onReceiveElement | | 08/31/2015 11:10 AM | |
| 3097 | NLSR | Feature | New | Normal | NLSR should handle parallel links between two nodes | | 08/12/2015 11:00 AM | |
| 3096 | ndn-sci | Task | New | Normal | producer should be able to publish dataset names using multiple data packet | | 08/11/2015 01:30 PM | |
| 3095 | ndn-sci | Task | New | Normal | Enable multi-threads publication | | 08/11/2015 01:27 PM | |
| 3065 | NLSR | Feature | New | Normal | Document installation procedure from Ubuntu PPA | | 07/21/2015 11:47 PM | |
| 3057 | mini-ndn | Task | New | Normal | Add framework to add user application configuration to GUI | | 07/17/2015 01:20 PM | |
| 3056 | mini-ndn | Task | New | Normal | Add ability to specify name prefixes announced by NLSR on a node | | 07/17/2015 01:17 PM | |
| 3055 | mini-ndn | Task | New | Normal | Investigate feasibility of integration tests which require Ethernet Face support | | 07/17/2015 12:43 PM | |
| 3054 | mini-ndn | Bug | New | Normal | In Mini-NDN hosts cannot reach non neighbors | | 10/25/2016 08:14 AM | |
| 3049 | NFD | Feature | New | Normal | RouterName configuration option | | 08/17/2015 08:01 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|--------------------|---------|--------|----------|---|----------|---------------------|------------------|
| 3031 | NFD | Feature | New | Normal | Display RouterName on HTTP status page | | 08/25/2015 07:55 AM | |
| 3030 | NFD | Feature | New | Normal | Display RouterName in 'nfdc status show' | | 07/23/2017 06:29 AM | |
| 3029 | NFD | Feature | New | Normal | Publish RouterName in ForwarderStatus | | 08/17/2015 08:03 PM | |
| 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 | |
| 3025 | NLSR | Feature | New | Normal | Obtain RouterName from NFD | | 07/09/2015 05:42 PM | |
| 3001 | ndn-sci | Task | New | Normal | Frontend doesn't work with Chrome | | 06/30/2015 01:57 PM | |
| 2999 | ndn-cxx | Feature | New | Normal | Block scatter/gather support | | 06/30/2015 09:12 AM | |
| 2953 | NLSR | Task | New | Normal | Implement broadcast link Hello protocol | | 01/02/2018 01:16 PM | |
| 2952 | NLSR | Task | New | Normal | Design broadcast link Hello protocol | | 01/02/2018 01:07 PM | |
| 2947 | mini-ndn | Task | New | Normal | Add ability to save statistics to file after an experiment has run | | 09/13/2020 11:50 AM | |
| 2945 | mini-ndn | Task | New | Normal | Display statistics during collection | | 09/13/2020 11:49 AM | |
| 2943 | mini-ndn | Task | New | Normal | Collect statistics during experiment | | 09/13/2020 11:35 AM | |
| 2939 | mini-ndn | Task | New | Normal | Static IP addresses should be assignable to nodes | | 09/13/2020 10:25 AM | |
| 2936 | NLSR | Task | New | Normal | Determine how to make NFD FIB Entries consistent with ranking in NLSR when costs are the same | | 05/31/2017 08:37 AM | |
| 2929 | NFD | Feature | New | Normal | NDNLPv2 supported feature advertisement | | 07/23/2016 07:56 AM | |
| 2918 | ndn-sci | Task | New | Normal | Move autocomplete to the backend | | 06/17/2015 01:11 PM | |
| 2917 | ndn-sci | Task | New | Normal | Define AND, OR and NOT language for discovery | | 06/17/2015 01:08 PM | |
| 2901 | NDN Specifications | Feature | New | Normal | CompressionType and EncryptionType in MetaInfo | | 05/25/2023 08:28 PM | needs-discussion |
| 2899 | NDN Specifications | Feature | New | Normal | DigestSha256 vs CRC-32C | | 05/25/2023 08:28 PM | needs-discussion |
| 2894 | ndn-sci | Task | New | Normal | Create NDN topology on the testbed | | 06/12/2015 02:09 PM | |
| 2885 | ndn-sci | Task | New | Normal | Publication data packets schema | | 06/12/2015 09:50 AM | |
| 2859 | ndn-cxx | Feature | New | Normal | Explicitly export public symbols | | 08/28/2021 07:31 PM | |
| 2856 | NFD | Feature | New | Normal | Confine registered prefix within identity | | 06/06/2015 09:37 AM | |
| 2849 | ndnSIM | Bug | New | Normal | Correct license boilerplate to indicate correct license (with reference to LICENSE file in the root of the project) | | 08/01/2016 02:00 PM | |
| 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 | |
| 2813 | ndn-sci | Bug | New | Normal | client did not send query Interests | | 06/12/2015 12:36 PM | |
| 2797 | ndn-sci | Bug | New | Normal | Query result prefix is incorrect | | 05/07/2015 09:37 AM | |
| 2789 | mini-ndn | Task | New | Normal | Add verification test for minindn | | 05/05/2015 02:06 PM | |
| 2775 | ndn-sci | Task | New | Normal | Design an improved query search result UI | | 04/27/2015 09:07 AM | |
| 2774 | ndn-sci | Task | New | Normal | Design minimal search language | | 04/27/2015 09:05 AM | |
| 2773 | ndn-sci | Task | New | Normal | Design metadata searches | | 04/27/2015 09:04 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|-------------|---------|--------|----------|---|----------|---------------------|---------------|
| 2772 | ndn-sci | Task | New | Normal | Implement union search | | 04/27/2015 09:02 AM | |
| 2771 | ndn-sci | Task | New | Normal | mock "union" search capability | | 04/27/2015 09:02 AM | |
| 2765 | ndnSIM | Bug | New | Normal | Incompatible licenses between ns-3 and ndnSIM | | 04/22/2015 10:14 AM | |
| 2747 | NFD | Feature | New | Normal | Make StreamFace processing time constant regardless of object size | | 06/11/2021 03:50 PM | |
| 2746 | NFD-android | Feature | New | Normal | Allow configuration of NFD parameters | | 02/13/2019 12:42 PM | |
| 2745 | NFD-android | Task | New | Normal | Cleaning up dialog fragments that pass results back to the target fragment | | 02/13/2019 12:47 PM | |
| 2740 | repo-ng | Bug | New | Normal | repo-ng fails to connect to the nfd when the database stores a large number of content segments | | 04/10/2015 12:49 PM | |
| 2720 | ndn-cxx | Bug | New | Normal | Face::unsetInterestFilter is ineffective before registration completes | | 06/30/2015 12:24 PM | |
| 2716 | Packaging | Feature | New | Normal | start ndn-autoconfig client in parallel with NFD | | 01/21/2018 12:00 PM | |
| 2693 | ndn-sci | Task | New | Normal | Need to discuss journal paper | | 03/24/2015 01:30 PM | |
| 2685 | ndnrctc | Feature | New | Normal | [NdnCon] Multi-party conferencing instructions | | 03/23/2015 12:32 PM | |
| 2666 | NFD-android | Task | New | Normal | Icons for navigation drawer items | | 02/13/2019 12:47 PM | |
| 2658 | ndn-cxx | Feature | New | Normal | Face::unregisterPrefix and Face::unsetInterestFilter(RegisteredPrefixHandle): success/failure callbacks | | 02/18/2019 09:02 PM | |
| 2626 | NFD | Bug | New | Normal | CS lookup takes long time if Interest Name covers many entries | | 01/23/2018 11:23 PM | |
| 2623 | NFD-android | Task | New | Normal | Extend log output settings | | 02/13/2019 12:47 PM | |
| 2616 | ndn-sci | Task | New | Normal | Document trust model | | 03/03/2015 05:51 PM | |
| 2614 | ndn-cxx | Task | New | Normal | code-style: line width | | 01/23/2018 09:51 PM | |
| 2598 | ndn-sci | Task | New | Normal | Write Catalog README.md | | 03/02/2015 01:06 PM | |
| 2592 | NFD | Bug | New | Normal | Ineffective duplicate suppression for satisfied Interest | | 06/30/2021 10:10 PM | DeadNonceList |
| 2590 | ndns | Bug | New | Normal | NameServer/UpdateValidatorFetchCert incorrect usage of Signal | | 03/26/2015 12:59 PM | |
| 2578 | jndn | Feature | New | Normal | Callback classes should not be under net.named_data.jndn, but at some higher level | | 03/04/2015 10:33 PM | |
| 2557 | ndnSIM | Task | New | Normal | Create examples using UDP faces. | | 05/08/2018 10:52 AM | |
| 2554 | NFD-android | Task | New | Normal | PIB service | | 02/13/2019 12:47 PM | |
| 2551 | NFD | Feature | New | Normal | PIT refresh between neighbors | | 05/08/2019 08:55 AM | |
| 2539 | ChronoChat | Task | New | Normal | Re-license code to GPL 3+ | | 12/26/2020 07:37 PM | |
| 2538 | ndnSIM | Task | New | Normal | Figure out whether there are memory leaks in ndnSIM. | | 05/08/2018 10:52 AM | |
| 2488 | ndn-cxx | Feature | New | Normal | Asynchronous API for data signing | | 12/01/2017 01:20 PM | |
| 2485 | ChronoChat | Bug | New | Normal | All other participants "leaves room" when adjusting clock | | 02/06/2015 12:33 PM | |
| 2459 | NFD | Bug | New | Normal | ndn-autoconfig (daemon mode): non-deterministic timeouts for DNS resolution | | 07/07/2017 01:54 AM | |
| 2455 | ndn-cxx | Task | New | Normal | code-style: noncopyable | | 01/23/2018 09:51 PM | |

| # | 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 | |
| 2435 | NFD-android | Task | New | Normal | PIT/FIB/RIB state snapshot and restore from snapshots | | 02/13/2019 12:47 PM | |
| 2401 | NFD | Feature | New | Normal | Register RIB command prefixes using FibUpdater | | 01/20/2015 09:22 PM | |
| 2394 | NFD | Feature | New | Normal | WebSocketChannel: configurable list of endpoints to bind to | | 02/14/2019 09:50 PM | |
| 2393 | ndn-cxx | Feature | New | Normal | ndnsec: update TpmLocator in PIB | | 06/15/2021 06:01 PM | |
| 2371 | ndnSIM | Task | New | Normal | Port TcpFace and UdpFace to the new code base | | 02/01/2016 06:04 PM | |
| 2326 | named-data.net | Feature | New | Normal | Monitor remaining disk space | | 12/31/2016 01:08 PM | |
| 2321 | repo-ng | Bug | New | Normal | Cannot ndnputfile with default configuration | | 12/28/2014 06:21 AM | |
| 2293 | ndn-cxx | Feature | New | Normal | Controller: stop-and-wait | | 01/15/2021 03:52 PM | |
| 2263 | ndn-cxx | Task | New | Normal | code-style: Doxygen syntax | | 02/21/2019 09:17 AM | |
| 2221 | ndn-cxx | Task | New | Normal | Face: unit test coverage for specifying signing identity/certificate in prefix registration | | 02/14/2019 09:43 PM | unit-tests |
| 2208 | ndn-cxx | Task | New | Normal | Implement "Listening" TCP/UDP transport | | 11/21/2014 01:49 PM | |
| 2174 | NFD | Bug | New | Normal | Multiple register prefix gives NFD error "request timed out (code: 10060)" | | 11/19/2014 07:07 AM | |
| 2137 | ndn-cxx | Task | New | Normal | Provide simple examples with Makefile, automake, waf to build against ndn-cxx library | | 06/11/2021 03:50 PM | documentation |
| 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 | |
| 2069 | ndn-cxx | Task | New | Normal | Write tests for ndnsec | | 10/07/2023 09:20 PM | unit-tests |
| 2064 | ndn-cxx | Task | New | Normal | Declare environment for integrated tests | | 10/14/2014 09:25 AM | |
| 2010 | NFD | Task | New | Normal | RIB cost guidelines | | 10/31/2014 02:26 PM | |
| 2000 | NFD | Task | New | Normal | Composable strategy building blocks | | 04/28/2020 10:15 PM | |
| 1973 | NFD | Task | New | Normal | Build tarball and upload to website | | 11/04/2019 02:56 PM | |
| 1966 | NFD | Bug | New | Normal | Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression | | 01/08/2021 10:37 AM | |
| 1948 | ndn-cxx | Task | New | Normal | Run integrated tests for every Jenkins build | | 06/27/2018 01:39 AM | |
| 1858 | repo-ng | Task | New | Normal | Client library to handle repo-ng | | 08/29/2014 12:29 PM | |
| 1845 | ndnrtc | Feature | New | Normal | WebRTC compilation against clang/libc++ on OSX 10.9 (mavericks) | | 08/11/2014 07:42 PM | |
| 1829 | repo-ng | Task | New | Normal | Example producer to help testing / guide development application for watch protocol | | 08/06/2014 01:38 PM | |
| 1813 | NLSR | Feature | New | Normal | Include route flags in advertised names | | 01/02/2018 01:18 PM | |
| 1809 | repo-ng | Task | New | Normal | RepoSync | | 07/19/2016 01:36 PM | |
| 1785 | ndn-cxx | Bug | New | Normal | Face: transport is never paused after pushing Data | | 01/23/2018 11:19 PM | |
| 1779 | repo-ng | Task | New | Normal | ndndumpfile: local dump tool | | 07/18/2014 10:41 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|--------------------|---------|--------|----------|---|----------|---------------------|-------------------------------|
| 1776 | ndn-cxx | Task | New | Normal | Transport: ensure all packets are sent before closing socket | | 06/05/2018 08:45 PM | |
| 1698 | NFD | Feature | New | Normal | Queuing FIB updates generated as a response to different RIB updates | | 01/23/2018 11:25 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 | |
| 1516 | ndn-cxx | Task | New | Normal | Add howto/hands-on manual on creating certificates | | 10/07/2023 09:15 PM | documentation, security |
| 1498 | repo-ng | Task | New | Normal | Command-line tool to print out names of stored data | | 04/28/2014 10:07 AM | |
| 1478 | repo-ng | Task | New | Normal | Deletion progress check | | 04/28/2014 10:08 AM | |
| 1477 | repo-ng | Task | New | Normal | Deletion of segmented data without EndBlockId | | 04/14/2014 09:21 AM | |
| 1447 | NFD | Task | New | Normal | Replace std::list with std::unordered_map for similar Interests in NameTree entry | | 11/04/2019 02:55 PM | |
| 1293 | NFD | Task | New | Normal | Reserve buffer space when receiving packets on all faces | | 11/14/2014 01:23 PM | |
| 1285 | NDN Specifications | Feature | New | Normal | Tunnel Authentication protocol | | 01/13/2022 07:20 PM | |
| 1047 | NDN-CCL | Bug | New | Normal | The removeRegisteredPrefix API should "unregister" from the forwarding daemon | | 07/18/2017 03:51 PM | |
| 1017 | NDN in the browser | Bug | New | Normal | Firefox add-on should try to reconnect if connection drops | | 05/20/2023 06:21 AM | |
| 1016 | NDN in the browser | Bug | New | Normal | Firefox NDN toolbar should report if can't connect to a hub | | 05/20/2023 06:22 AM | |
| 1014 | NDN in the browser | Bug | New | Normal | Address bar reverts to interest selector when leaving and returning to a tab | | 05/20/2023 06:22 AM | |
| 5141 | NFD | Task | New | Low | Investigate new clang PCH flags | | 12/01/2023 07:15 PM | waf |
| 5107 | NLSR | Task | New | Low | Revisit NLSR log message | | 04/25/2020 02:23 PM | |
| 5097 | ndn-cxx | Feature | New | Low | Distinguish DOWN and NO_CARRIER in NetworkMonitor for macOS | | 06/08/2020 05:41 PM | macOS |
| 5091 | NFD | Task | New | Low | Switch NFD configuration file format | | 08/27/2020 07:14 PM | needs-discussion |
| 5084 | NLSR | Task | New | Low | Verify compatibility of NLSR Node with default PSync header compression versus nodes with other compression scheme. | | 12/29/2020 07:01 PM | |
| 5038 | NFD | Feature | New | Low | Put netstat -s output on NFD status page | | 08/24/2023 08:40 PM | |
| 4976 | ndncert | Task | New | Low | Add unit tests for command line tools | | 11/22/2021 11:57 PM | |
| 4902 | NFD | Feature | New | Low | Better logging when Interest & Data don't match | | 12/01/2023 08:34 PM | logging |
| 4859 | ndn-cxx | Bug | New | Low | libndn-cxx.pc installed in wrong location on FreeBSD | | 10/31/2023 11:57 PM | FreeBSD |
| 4836 | PSync | Task | New | Low | Throwing exception in ProducerBase::onRegisterFailed has no effect | | 02/14/2019 11:25 AM | |
| 4798 | ndn-tools | Bug | New | Low | Dump/TestNdnDump/MalformedIpv4Header fails on FreeBSD 11.2 | | 10/31/2023 11:57 PM | FreeBSD |
| 4781 | NFD | Feature | New | Low | Add Adaptive Replacement Cache (ARC) algorithm | | 09/01/2023 02:33 AM | |
| 4754 | ndn-cxx | Task | New | Low | tpm::BackendOsx uses deprecated macOS functions | | 07/19/2022 02:26 PM | code-cleanup, security, macOS |
| 4654 | repo-ng | Bug | New | Low | Small typos in Repo Deletion Protocol Wiki Page | | 07/07/2018 08:17 AM | |
| 4531 | NFD | Bug | New | Low | NAME section is missing in HTML manpages | | 01/22/2023 10:19 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Tags |
|------|-----------|---------|--------|----------|--|----------|---------------------|------------------|
| 4499 | NFD | Bug | New | Low | Unbounded queuing in StreamTransport | | 08/26/2020 04:44 PM | needs-discussion |
| 4400 | NFD | Bug | New | Low | EthernetFactory should destroy unusable channels | | 10/07/2023 10:02 PM | |
| 4387 | NFD | Task | New | Low | Use a real benchmarking library for benchmarks | | 06/07/2020 10:32 AM | code-cleanup |
| 4342 | ndn-cxx | Feature | New | Low | KeyChain helpers | | 06/29/2020 11:45 PM | security, API |
| 4210 | NFD | Bug | New | Low | Documentation is not mobile friendly | | 10/07/2023 09:57 PM | documentation |
| 4157 | ndn-cxx | Bug | New | Low | ndnsec-export: confusing error message when getpass is unavailable | | 06/15/2021 06:28 PM | |
| 4115 | NFD | Bug | New | Low | FaceManager doesn't reject attempts to destroy "reserved" faces | | 02/03/2018 09:02 PM | |
| 4106 | NLSR | Task | New | Low | Move clobbering-check from Fib::update to Fib::scheduleEntryRefresh | | 12/29/2020 06:58 PM | |
| 3970 | NFD | Bug | New | Low | Improve face_system error message when a ProtocolFactory is disabled | | 02/19/2017 09:18 AM | |
| 3843 | ndn-tools | Feature | New | Low | ndncatchunks: Implement throughput tracer | | 02/06/2019 03:37 PM | |
| 3677 | NFD | Bug | New | Low | nfdc status reports wrong uptime if system clock has been changed | | 09/04/2017 02:18 AM | |
| 3629 | NLSR | Feature | New | Low | Distribute certificates proactively through Sync | | 01/02/2018 01:18 PM | |
| 3575 | mini-ndn | Task | New | Low | Use default_level from nfd.conf as default nfd-log-level | | 04/01/2016 07:38 AM | |
| 3244 | ndnrtc | Bug | New | Low | [NdnCon] media streams preference: FreshnessPeriod label displays incompletely | | 10/07/2015 01:26 PM | |
| 2794 | ndn-tools | Task | New | Low | ping: improve the accuracy of stddev computation | | 05/07/2015 11:00 AM | |
| 2647 | NLSR | Task | New | Low | Suppress routing table recalculation when Adjacency LSA is refreshed | | 12/29/2020 06:51 PM | |
| 2581 | NFD | Bug | New | Low | Detecting compiler support for -Wno-foo is unreliable | | 01/20/2024 12:24 AM | waf |
| 2569 | NDN-CCL | Feature | New | Low | Reconsider necessity for "Node" class | | 03/09/2015 12:56 PM | |
| 2529 | ndn-cxx | Task | New | Low | code-style: line continuation | | 05/27/2022 12:04 AM | |
| 2503 | NFD | Task | New | Low | Optimize usage of steady_clock::now() | | 02/23/2015 09:12 PM | |
| 2409 | ndn-cxx | Bug | New | Low | Headers check fails on FreeBSD | | 10/31/2023 11:58 PM | FreeBSD |
| 2406 | ndn-cxx | Bug | New | Low | Incorrect dependency calculation for version.hpp | | 12/01/2023 07:15 PM | waf |
| 2245 | ndns | Task | New | Low | Web interface to manage NDNS database | | 11/30/2014 09:54 PM | |
| 1840 | ndn-cxx | Feature | New | Low | Make ndn URI resolution RFC3986-compliant | | 06/11/2021 03:52 PM | |
| 1672 | NFD | Feature | New | Low | UnixSeqPacketTransport | | 11/04/2019 02:57 PM | |
| 1604 | ndn-cxx | Feature | New | Low | syslog & journald log destinations | | 12/14/2023 02:23 AM | logging, systemd |

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