

## 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 |  |
| 5028 | ndnSIM                  | Feature | New         | Urgent    | Get the list of nodes and associated links inside fw/strategy.                             | Alex Afanasyev | 10/14/2019 11:06 AM |  |
| 3405 | ChronoChat              | Feature | New         | Urgent    | nfd-android  |                | 01/11/2016 10:47 AM |  |
| 5316 | mini-ndn                | Bug     | In Progress | High      | Resolution to bug #5309 not supporting PPAs  | Alexander Lane | 04/04/2024 06:13 PM |  |
| 4944 | repo-ng                 | Bug     | New         | High      | ndnputfile does not work   |                | 10/07/2023 08:49 PM |  |
| 5255 | mGuard                  | Task    | New         | High      | Encrypt data using all possible contextual attributes                                      | Saurab Dulal   | 07/19/2023 09:57 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                             |
| 4696 | ndn-cxx                 | Feature | New         | High      | SegmentPublisher: segmentation utility   |                | 11/04/2022 08:50 PM | API  |
| 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 |  |
| 2942 | mini-ndn                | Task    | New         | High      | Configure experiment parameters using configuration file                                   |                | 09/13/2020 11:34 AM |  |
| 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 |
| 4795 | Consumer / Producer API | Task    | New         | High      | Consumer/Producer API Build Failure  |                | 12/18/2018 01:36 AM | Consumer Producer API, build, error                |
| 4142 | ndnSIM                  | Task    | New         | High      | Addition of a new field to interest and data packet  | Alex Afanasyev | 05/08/2018 10:48 AM |  |
| 4493 | ICE-AR Prototype        | Task    | New         | High      | BLE agent for NFD-android  | Edward Lu      | 02/08/2018 09:59 AM | CS217  |
| 4491 | ICE-AR Prototype        | Task    | New         | High      | sample client for bluetooth beaconing  | Grant Weaver   | 02/08/2018 09:56 AM | ENGR 299   |
| 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 |  |
| 3766 | repo-ng                 | Feature | New         | High      | Enable external command to trigger prefix registration with local NFD                      |                | 06/08/2017 10:04 AM |  |
| 3906 | ndns                    | Task    | New         | High      | Rewrite ManagementTool's ListZone method   |                | 12/30/2016 10:12 PM |  |
| 2674 | ndnrtc                  | Feature | New         | High      | [NdnCon] UX/UI design  |                | 10/31/2016 03:33 PM |  |
| 2689 | ndnrtc                  | Feature | Resolved    | High      | [NdnCon] Status for fetching audio streams.  |                | 10/31/2016 03:30 PM |  |
| 2688 | ndnrtc                  | Bug     | Resolved    | High      | [NdnCon] Adding new user   |                | 10/31/2016 03:30 PM |  |
| 2687 | ndnrtc                  | Feature | Resolved    | High      | [NdnCon] Make "Start publishing" function more obvious                                     | Peter Gusev    | 10/31/2016 03:29 PM |  |
| 3767 | repo-ng                 | Feature | New         | High      | Provide option to enable prefix caching behavior   |                | 09/07/2016 07:53 AM |  |

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| 2628 | NDN-CCL   | Bug     | New         | High     | Default value for Interest.Selectors.MustBeFresh should be false                                  |                      | 02/08/2016 10:08 PM |                 |
| 3320 | repo-ng   | Task    | New         | High     | Downloading with a different piplines   | inchan hwang         | 11/05/2015 03:55 AM |                 |
| 3053 | mini-ndn  | Task    | New         | High     | Design automatic integration test triggering by Jenkins   |                      | 09/15/2015 12:03 PM |                 |
| 2902 | ndn-sci   | Task    | New         | High     | Create a website for ndn-atmos  | Tyler Scott          | 06/17/2015 09:35 AM |                 |
| 2886 | ndn-sci   | Task    | New         | High     | Define publication protocol   | susmit shannigrahi   | 06/12/2015 11:14 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 |                 |
| 2575 | NDN-CCL   | Bug     | New         | High     | Unspecified fields should not be present in packets   |                      | 03/09/2015 01:43 PM |                 |
| 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 |                 |
| 5303 | ndn-cxx   | Feature | In Progress | Normal   | Dockerfile for ndn-cxx ecosystem  | Davide Pesavento     | 04/09/2024 09:27 PM | docker          |
| 5317 | mGuard    | Task    | New         | Normal   | Facilitate New Users/Policies   |                      | 04/05/2024 09:33 PM |                 |
| 5314 | mini-ndn  | Task    | New         | Normal   | Automatically install utilities needed for doc generation in NDN dependencies                     | Alexander Lane       | 04/02/2024 06:20 PM |                 |
| 5207 | NFD       | Feature | New         | Normal   | autoconfig: allow NDN-FCH service over HTTPS  |                      | 03/05/2024 04:38 PM |                 |
| 5313 | ndn-cxx   | Feature | New         | Normal   | ValidatorConfig: specify signed Interest fields   |                      | 02/23/2024 07:26 PM | ValidatorConfig |
| 5308 | NLSR      | Task    | In Progress | Normal   | Code cleanup in LSA and routing table related types   | Junxiao Shi          | 02/22/2024 02:16 PM | code-cleanup    |
| 4851 | ndn-tools | Feature | Code review | Normal   | chunks: integrate NAC   |                      | 02/20/2024 02:55 AM |                 |
| 4882 | ndn-cxx   | Task    | New         | Normal   | Improve "NDN Regular Expression" documentation  |                      | 02/20/2024 02:54 AM | documentation   |
| 5278 | NFD       | Feature | Feedback    | Normal   | Delegate sending Nack-Duplicate to forwarding strategy  | Mark Theeranantachai | 02/15/2024 05:45 PM |                 |
| 5312 | PSync     | Task    | New         | Normal   | Improve handling of stale sync data/"no new update"   |                      | 02/12/2024 09:02 PM |                 |
| 3830 | NFD       | Task    | New         | Normal   | Make ASF strategy tests predictable   |                      | 02/02/2024 11:15 PM | ASF, unit-tests |
| 4298 | NFD       | Feature | New         | Normal   | Add some random jitter to probing interval in ASF strategy  |                      | 02/02/2024 11:10 PM | ASF             |
| 4886 | NFD       | Feature | New         | Normal   | ASF strategy should give the same probing probability to next hops that have the same rank (cost) |                      | 02/02/2024 11:08 PM | ASF             |
| 4193 | NFD       | Feature | In Progress | Normal   | Make ASF strategy less sensitive to timeouts  |                      | 02/02/2024 11:08 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             |
| 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             |
| 5306 | mGuard    | Task    | New         | Normal   | Fix Waf Scripts   | Adam Thieme          | 01/24/2024 04:08 AM |                 |
| 5277 | NFD       | Feature | In Progress | Normal   | Remove persistent faces   | Junxiao Shi          | 01/18/2024 02:09 AM |                 |
| 5307 | mGuard    | Bug     | New         | Normal   | ck+encrypted data bug   |                      | 01/09/2024 09:31 PM |                 |

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| 4324 | ndn-cxx   | Feature | In Progress | Normal   | FaceUri: per-scheme parsing  | Davide Pesavento | 12/29/2023 06:06 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 |                           |
| 4533 | Packaging | Feature | Feedback    | Normal   | nfd-status-http-server: run as non-root  |                  | 12/14/2023 02:25 AM | systemd                   |
| 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                   |
| 4363 | NFD       | Feature | New         | Normal   | Adjust Multipath Forwarding Strategy based on Congestion Marks                       |                  | 12/08/2023 07:20 PM | needs-discussion          |
| 5060 | NFD       | Feature | New         | Normal   | Congestion Detection: Monitor size of PIT vs. available memory                       |                  | 12/08/2023 07:18 PM | needs-discussion          |
| 5059 | NFD       | Feature | New         | Normal   | Congestion Detection: Monitor NIC incoming buffer queue                              |                  | 12/08/2023 07:16 PM | needs-discussion          |
| 5126 | ndn-cxx   | Bug     | New         | Normal   | Unreliable (or ill-designed?) test case<br>Encoding/TestBlock/Construction/FromBlock |                  | 12/08/2023 07:12 PM | unit-tests                |
| 4893 | ndn-tools | Feature | New         | Normal   | ndncatchunks: have Consumer use ValidatorConfig                                      |                  | 12/01/2023 08:43 PM | ValidatorConfig           |
| 5148 | ndn-cxx   | Feature | New         | Normal   | ValidatorConfig: multiple sig-type restrictions in a single checker                  |                  | 12/01/2023 08:41 PM | ValidatorConfig           |
| 5007 | ndn-cxx   | Feature | New         | Normal   | CertificateBundle fetcher  |                  | 12/01/2023 08:25 PM | CertificateBundle         |
| 5005 | ndn-cxx   | Feature | New         | Normal   | CertificateBundle publisher  |                  | 12/01/2023 08:24 PM | CertificateBundle         |
| 5006 | ndn-cxx   | Feature | New         | Normal   | CertificateBundle producer   |                  | 12/01/2023 08:23 PM | CertificateBundle         |
| 5004 | ndn-cxx   | Feature | In Progress | Normal   | CertificateBundle encoding and decoding  |                  | 12/01/2023 08:22 PM | CertificateBundle         |
| 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             |
| 4281 | NFD       | Feature | New         | Normal   | Develop self-learning for broadcast and ad hoc wireless faces                        |                  | 12/01/2023 07:00 PM | self-learning             |
| 5018 | NFD       | Bug     | New         | Normal   | Attach PrefixAnnouncement to Data if needed in<br>afterContentStoreHit               |                  | 12/01/2023 06:58 PM | self-learning             |
| 5029 | NFD       | Feature | New         | Normal   | Self-learning forwarding strategy v2   |                  | 12/01/2023 06:58 PM | self-learning             |
| 5031 | NFD       | Feature | New         | Normal   | Make NFD work out of the box   |                  | 12/01/2023 06:56 PM | self-learning             |
| 4973 | NFD       | Feature | New         | Normal   | Self-learning: switch from multicast to unicast on Wi-Fi infrastructure              |                  | 12/01/2023 06:55 PM | self-learning             |
| 4871 | NFD       | Feature | Feedback    | Normal   | autoconfig: try multiple routers from NDN-FCH  |                  | 12/01/2023 06:54 PM | needs-discussion          |
| 5291 | ndn-cxx   | Feature | New         | Normal   | Deterministic ECDSA signing  |                  | 11/23/2023 07:58 PM | security, openssl         |
| 5302 | mGuard    | Task    | New         | Normal   | Change all timestamps to unix time   | Adam Thieme      | 11/21/2023 09:59 PM |                           |
| 5301 | mGuard    | Task    | New         | Normal   | Change semantic location window to formatted timestamp                               | Adam Thieme      | 11/21/2023 09:57 PM |                           |
| 3902 | ndn-tools | Bug     | New         | Normal   | ndncatchunks with AIMD pipeline randomly hangs after transfer is complete            |                  | 10/07/2023 09:55 PM |                           |
| 3824 | NFD       | Feature | New         | Normal   | NetworkRegionTable dataset   |                  | 10/07/2023 09:52 PM | needs-discussion          |
| 3807 | NFD       | Task    | New         | Normal   | Content store profiling  |                  | 10/07/2023 09:51 PM |                           |
| 3567 | NFD       | Task    | Feedback    | Normal   | Face system benchmark  |                  | 10/07/2023 09:50 PM |                           |

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| 3482 | NFD         | Task    | New         | Normal   | Document expected packet processing performance   |              | 10/07/2023 09:47 PM | documentation           |
| 3261 | NFD         | Task    | New         | Normal   | App-developer oriented docs summarizing autoconfiguration steps                           |              | 10/07/2023 09:40 PM | documentation           |
| 3075 | ndn-cxx     | Feature | In Progress | Normal   | Design support for SignatureHmacWithSha256  |              | 10/07/2023 09:35 PM | security                |
| 2069 | ndn-cxx     | Task    | New         | Normal   | Write tests for ndnsec  |              | 10/07/2023 09:20 PM | unit-tests              |
| 1516 | ndn-cxx     | Task    | New         | Normal   | Add howto/hands-on manual on creating certificates  |              | 10/07/2023 09:15 PM | documentation, security |
| 5293 | mGuard      | Task    | New         | Normal   | Modify data generator to be configurable via command line                                 | Adam Thieme  | 09/14/2023 09:48 PM |                         |
| 4765 | NFD-android | Feature | New         | Normal   | ndnping server  |              | 09/01/2023 02:35 AM |                         |
| 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 |                         |
| 5150 | NAC         | Feature | New         | Normal   | Implement access revocation   |              | 08/28/2023 04:55 AM |                         |
| 4870 | NFD-android | Bug     | New         | Normal   | Persistent notification is posted when NFD is not running                                 |              | 08/24/2023 08:44 PM |                         |
| 5241 | ndn-cxx     | Task    | New         | Normal   | Redesign support for HMAC keys  |              | 08/24/2023 08:00 PM | security, openssl       |
| 5209 | ndn-cxx     | Feature | New         | Normal   | Ed25519 signature type  |              | 08/23/2023 11:50 PM | Ed25519, security       |
| 5284 | mGuard      | Task    | New         | Normal   | Documentation Updates   |              | 08/21/2023 06:26 PM |                         |
| 4650 | NFD         | Feature | Feedback    | Normal   | Accept and store PrefixAnnouncement in rib/announce command                               |              | 08/19/2023 01:55 AM |                         |
| 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 |                         |
| 5219 | mGuard      | Feature | New         | Normal   | Support name prefix of data requesters in the policy                                      | Adam Thieme  | 08/19/2023 12:53 AM | Attribute Authority     |
| 5261 | mGuard      | Task    | New         | Normal   | fix identity-management-fixture   | Adam Thieme  | 08/19/2023 12:46 AM |                         |
| 4549 | NLSR        | Bug     | New         | Normal   | NLSR currently segments LSAs very conservatively  |              | 08/14/2023 11:05 AM |                         |
| 5166 | NFD         | Feature | New         | Normal   | Make DeadNonceList lifetime configurable  |              | 08/13/2023 10:19 PM | DeadNonceList           |
| 5288 | NFD         | Feature | New         | Normal   | DeadNonceList with hashtable buckets  |              | 08/13/2023 10:14 PM | DeadNonceList           |
| 5274 | mGuard      | Task    | In Progress | Normal   | Clean Git Repository  | Adam Thieme  | 08/10/2023 10:58 PM |                         |
| 5287 | mGuard      | Task    | New         | Normal   | Developer Guide   |              | 08/09/2023 10:09 PM |                         |
| 5282 | mGuard      | Task    | New         | Normal   | Update Current Example Consumer Application   | Howard Zhu   | 08/09/2023 10:03 PM |                         |
| 5281 | mGuard      | Task    | New         | Normal   | Example Consumer Updates  |              | 08/09/2023 10:02 PM |                         |
| 5283 | mGuard      | Task    | New         | Normal   | Write New Example Consumer Application for Testing  | Howard Zhu   | 08/09/2023 10:02 PM |                         |
| 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 |                         |
| 5280 | ndn-cxx     | Bug     | New         | Normal   | ValidityPeriod.NotAfter=99991231T235959 truncated   |              | 08/07/2023 06:20 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                    |
| 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                 |
| 5228 | mGuard             | Task    | In Progress | Normal   | Benchmark repo with different DBs  | Suravi Regmi         | 08/02/2023 09:33 PM | repo, system            |
| 5233 | mGuard             | Feature | New         | Normal   | Add wildcard support in both the name tree and in the parser                         |                      | 08/02/2023 09:27 PM |                         |
| 3804 | NDN Specifications | Feature | New         | Normal   | SignatureHmacWithSha256_128  |                      | 07/29/2023 08:48 PM | needs-discussion        |
| 4343 | NFD                | Feature | New         | Normal   | ASF strategy should isolate timed-out or NACK'd interests into separate namespaces   |                      | 07/28/2023 10:20 PM | ASF                     |
| 5191 | mGuard             | Task    | In Progress | Normal   | Bootstrapping, namespace and certificate management                                  | Tianyuan Yu          | 07/26/2023 09:38 PM | certificate             |
| 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 |
| 5257 | mGuard             | Feature | New         | Normal   | Initializing Requester Names via Controller Certs                                    | Adam Thieme          | 07/19/2023 09:49 PM |                         |
| 5259 | mGuard             | Task    | New         | Normal   | Add participant ID to semantic location lookup                                       | Adam Thieme          | 07/19/2023 09:43 PM |                         |
| 5260 | mGuard             | Task    | New         | Normal   | change semantic location lookup in database to return only one location              | Adam Thieme          | 07/19/2023 09:42 PM |                         |
| 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 |                         |
| 5273 | ndnSIM             | Bug     | New         | Normal   | Duplicated commands of AddRoute and RemoveRoute do not modify FIB                    | Mark Theeranantachai | 07/17/2023 12:12 PM |                         |
| 5238 | mGuard             | Task    | In Progress | Normal   | Implement Unsubscribe feature  | Saurab Dulal         | 07/12/2023 09:55 PM |                         |
| 2899 | NDN Specifications | Feature | New         | Normal   | DigestSha256 vs CRC-32C  |                      | 05/25/2023 08:28 PM | needs-discussion        |
| 2901 | NDN Specifications | Feature | New         | Normal   | CompressionType and EncryptionType in MetaInfo                                       |                      | 05/25/2023 08:28 PM | needs-discussion        |
| 5120 | NFD                | Feature | In Progress | Normal   | Increase responsiveness of ASF strategy in mobile network scenarios                  | Alexander Lane       | 05/25/2023 07:39 PM | ASF                     |
| 5266 | PSync              | Bug     | New         | Normal   | Drop sync reply freshness to prevent caching-related issues                          | Alexander Lane       | 05/23/2023 06:32 PM |                         |
| 5264 | mini-ndn           | Feature | Code review | Normal   | Allow permanent faces in NDNRoutingHelper  | Alexander Lane       | 05/22/2023 11:35 PM |                         |
| 3611 | NDN in the browser | Task    | New         | Normal   | Micro Forwarder README   |                      | 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 |                         |
| 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 |                         |
| 1017 | NDN in the browser | Bug     | New         | Normal   | Firefox add-on should try to reconnect if connection drops                           |                      | 05/20/2023 06:21 AM |                         |

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| 3422 | NDN in the browser | Task    | New         | Normal   | ndn protocol add-on: Rewrite deprecated XPCOM and XUL  |                  | 05/20/2023 06:21 AM |                  |
| 3401 | NDN in the browser | Bug     | Resolved    | Normal   | Firefox extension is unsigned  |                  | 05/20/2023 06:21 AM |                  |
| 5258 | NLSR               | Feature | New         | Normal   | Increase possible range of supported Hello interest intervals and related configurable values        |                  | 04/11/2023 04:20 PM |                  |
| 5253 | mGuard             | Task    | New         | Normal   | Modularize mGuard pub-sub API  | Saurab Dulal     | 03/29/2023 06:46 PM |                  |
| 5252 | mini-ndn           | Feature | New         | Normal   | Allow scripts to define custom configuration options for NLSR and NFD                                | Dylan Hensley    | 02/14/2023 08:20 PM |                  |
| 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 |                  |
| 4847 | PSync              | Feature | New         | Normal   | Call addUserNode if prefix not present in publishName  |                  | 01/02/2023 08:45 PM |                  |
| 4677 | PSync              | Feature | New         | Normal   | Add simpler way for consumer to subscribe to full data set   |                  | 01/02/2023 08:44 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 |                  |
| 5089 | PSync              | Feature | Code review | Normal   | FullSync: add support for piggybacking app data  | Tianxing Ma      | 01/02/2023 08:44 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 |                  |
| 4818 | PSync              | Bug     | Code review | Normal   | murmurHash3 of uint32_t is not endian safe   | Junxiao Shi      | 01/02/2023 08:38 PM |                  |
| 5072 | PSync              | Feature | New         | Normal   | Handle empty IBF   |                  | 01/02/2023 08:38 PM |                  |
| 5068 | PSync              | Feature | New         | Normal   | Compress IBF and Hello/Sync Data in Partial sync by default  |                  | 01/02/2023 08:37 PM |                  |
| 5067 | PSync              | Task    | New         | Normal   | Do not serve discovery hello/sync Interest from publisher cache                                      |                  | 01/02/2023 08:36 PM |                  |
| 4867 | PSync              | Task    | New         | Normal   | FullSync: Investigate sending positive set difference during recovery instead of entire dataset      |                  | 01/02/2023 08:35 PM |                  |
| 4772 | PSync              | Task    | New         | Normal   | Update our IBF when we detect future hash and renew sync interest                                    |                  | 01/02/2023 08:35 PM |                  |
| 4659 | PSync              | Task    | Code review | Normal   | Look into using newer and better hash function   | Junxiao Shi      | 01/02/2023 08:35 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 |                  |
| 3895 | NFD                | Task    | New         | Normal   | Write a style file for clang-format  |                  | 12/20/2022 02:19 AM | needs-discussion |
| 4574 | NFD                | Bug     | New         | Normal   | Dysfunctional test cases in Face/TestTcpFactory  | Alex Afanasyev   | 12/13/2022 02:55 AM | unit-tests       |
| 3917 | ndn-cxx            | Feature | New         | Normal   | Implement InMemoryStorageTimeout   |                  | 11/04/2022 09:07 PM | API              |
| 4467 | NFD                | Feature | New         | Normal   | Export GenericLinkService counters   |                  | 11/04/2022 09:06 PM |                  |
| 3325 | NFD                | Task    | In Progress | Normal   | Improve FaceDataset and GeneralStatusDataset tests   |                  | 11/04/2022 08:58 PM | unit-tests       |
| 5243 | ndn-tools          | Bug     | New         | Normal   | Goodput is zero on ARMv7   |                  | 10/04/2022 04:58 PM |                  |
| 5121 | ndn-cxx            | Feature | Code review | Normal   | Reserve and enforce restriction for /localhost/identity namespace                                    | Alex Afanasyev   | 09/17/2022 03:05 PM |                  |
| 4959 | ndn-cxx            | Bug     | New         | Normal   | operator<<(std::ostream&, const Data&) may throw   | Davide Pesavento | 09/17/2022 03:03 PM |                  |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee         | Updated             | Tags                                   |
|------|--------------------|---------|-------------|----------|--|------------------|---------------------|--|
| 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 |  |
| 5234 | mini-ndn           | Bug     | In Progress | Normal   | Broken mobility bounds in Mini-NDN   | Alexander Lane   | 08/08/2022 04:56 PM | mobility                               |
| 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 |  |
| 5231 | mini-ndn           | Task    | New         | Normal   | Set default access point/IP switch behavior to ignore SDN features                   |                  | 07/12/2022 10:45 AM |  |
| 5230 | mini-ndn           | Task    | New         | Normal   | Add notes about NFD log level related packet loss to documentation                   | Alexander Lane   | 07/05/2022 02:18 PM |  |
| 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                                 |
| 5220 | mGuard             | Task    | New         | Normal   | Automatically verify public key certificate from the users                           | Saurab Dulal     | 06/27/2022 04:20 AM | mGuard Controller, Attribute Authority |
| 4042 | ndncert            | Task    | New         | Normal   | Expand scope of PROBE to support more than namespace assignment                      |                  | 06/02/2022 02:32 PM |  |
| 3803 | ndn-cxx            | Bug     | New         | Normal   | Default-constructed Link is encoded with ContentType==BLOB if no delegation is added |                  | 05/27/2022 03:47 AM |  |
| 5208 | mini-ndn           | Task    | New         | Normal   | Allow for batch processing of Nfdc face creation                                     |                  | 05/24/2022 12:11 PM |  |
| 5182 | NFD                | Feature | New         | Normal   | Easier identification of the process at the other end of a UnixStream face           | Davide Pesavento | 05/15/2022 03:01 PM |  |
| 5203 | ndns               | Feature | New         | Normal   | Accommodate certificate name in KeyLocator   |                  | 05/04/2022 01:59 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                               |
| 5132 | mini-ndn           | Task    | New         | Normal   | NLSR convergence time  |                  | 03/30/2022 02:49 PM |  |
| 5175 | NFD                | Feature | New         | Normal   | Replace CityHash with a more modern hash function                                    |                  | 03/17/2022 11:07 AM |  |
| 5152 | NLSR               | Bug     | New         | Normal   | Problem of assigning link-cost to "zero" for neighbors in Hyperbolic Routing (HR)    |                  | 03/01/2022 06:44 PM |  |
| 4308 | mini-ndn           | Task    | New         | Normal   | Look into using docker/docker containers   |                  | 01/14/2022 09:41 PM |  |
| 4492 | NFD                | Task    | New         | Normal   | nfdc XML report and nfd-status-http-server test case                                 |                  | 01/14/2022 09:33 PM | unit-tests                             |
| 4910 | NLSR               | Task    | New         | Normal   | Suppress sub-prefix of a hub's prefix advertised by NFD                              | Saurab Dulal     | 01/14/2022 09:20 PM |  |
| 4550 | ndn-cxx            | Feature | New         | Normal   | Improve AES support in security::transform   |                  | 01/13/2022 08:00 PM | security, API                          |
| 1285 | NDN Specifications | Feature | New         | Normal   | Tunnel Authentication protocol   |                  | 01/13/2022 07:20 PM |  |
| 3283 | NDN Specifications | Feature | New         | Normal   | Multiple signature design  |                  | 01/13/2022 07:02 PM | needs-discussion                       |
| 5177 | ndn-cxx            | Feature | New         | Normal   | Command interest replay detection by (timestamp, nonce)-tuples                       |                  | 01/11/2022 05:43 PM | security                               |
| 4762 | NFD                | Feature | New         | Normal   | Add a new UnsolicitedDataPolicy that admits unsolicited data by prefix               |                  | 01/11/2022 02:45 PM |  |

| #    | Project    | Tracker | Status      | Priority | Subject   | Assignee        | Updated             | Tags          |
|------|------------|---------|-------------|----------|---|-----------------|---------------------|---------------|
| 4794 | PSync      | Task    | New         | Normal   | Look into using ApplicationParameters instead of Name for the IBF                               |                 | 01/09/2022 12:41 PM |               |
| 4878 | mini-ndn   | Feature | New         | Normal   | Run NLSR experiments with ASF strategy set on /   | Saurab Dulal    | 12/19/2021 01:02 PM |               |
| 2859 | ndn-cxx    | Feature | New         | Normal   | Explicitly export public symbols  |                 | 08/28/2021 07:31 PM |               |
| 3945 | NFD        | Feature | New         | Normal   | DeadNonceList counters  |                 | 06/30/2021 10:11 PM | DeadNonceList |
| 2592 | NFD        | Bug     | New         | Normal   | Ineffective duplicate suppression for satisfied Interest  |                 | 06/30/2021 10:10 PM | DeadNonceList |
| 5174 | mini-ndn   | Task    | New         | Normal   | ndnRoutingHelper: Use nfdc batch command to install route                                       |                 | 06/24/2021 03:12 PM |               |
| 2393 | ndn-cxx    | Feature | New         | Normal   | ndnsec: update TpmLocator in PIB  |                 | 06/15/2021 06:01 PM |               |
| 5047 | NFD        | Bug     | New         | Normal   | Router should reject /localhost prefix registration   |                 | 06/12/2021 11:47 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 |
| 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 |               |
| 2747 | NFD        | Feature | New         | Normal   | Make StreamFace processing time constant regardless of object size                              |                 | 06/11/2021 03:50 PM |               |
| 5170 | mini-ndn   | Task    | New         | Normal   | Avoid using default topologies  |                 | 06/10/2021 10:42 AM |               |
| 4572 | NFD        | Feature | New         | Normal   | nfdc route add: support local+remote FaceUri matching to identify nexthop face                  |                 | 06/09/2021 02:12 PM |               |
| 5168 | mini-ndn   | Task    | New         | Normal   | Write documentation for the examples  |                 | 06/04/2021 12:59 PM |               |
| 5156 | ndn-tools  | Bug     | New         | Normal   | ndncatchunks: m_nInFlight > 0 assertion failed when transferring large file                     |                 | 04/06/2021 06:00 PM |               |
| 3521 | NFD        | Feature | In Progress | Normal   | Netdev-bound faces  |                 | 04/03/2021 01:17 AM |               |
| 4845 | NLSR       | Task    | New         | Normal   | Separate nlsr.conf file for test in home directory  | Saurab Dulal    | 03/17/2021 02:02 PM |               |
| 5149 | NFD        | Bug     | New         | Normal   | Error 10060 when fetching RIB dataset: Timeout exceeded   |                 | 02/26/2021 03:25 AM |               |
| 4880 | ndn-cxx    | Task    | New         | Normal   | Add randomness to exponential retry on Nack in CertificateFetcherFromNetwork                    |                 | 02/12/2021 10:57 AM |               |
| 4127 | NLSR       | Task    | In Progress | Normal   | Rebuild the LSDB  | Ashlesh Gawande | 01/31/2021 09:34 AM |               |
| 5143 | PSync      | Task    | New         | Normal   | FullSync: Append "full-sync" to sync prefix to distinguish from partial sync (/hello and /sync) |                 | 01/31/2021 09:20 AM |               |
| 2540 | ChronoSync | Task    | New         | Normal   | Re-license code to LGPL 3+  | Yingdi Yu       | 01/18/2021 02:11 AM |               |
| 2293 | ndn-cxx    | Feature | New         | Normal   | Controller: stop-and-wait   |                 | 01/15/2021 03:52 PM |               |
| 1966 | NFD        | Bug     | New         | Normal   | Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression      |                 | 01/08/2021 10:37 AM |               |
| 4177 | NLSR       | Bug     | Feedback    | Normal   | Readvertise causes withdrawal of site prefix  | Nicholas Gordon | 12/31/2020 10:22 AM |               |
| 4971 | NLSR       | Bug     | New         | Normal   | Handle uncaught throw statements in NLSR tlv code   | Saurab Dulal    | 12/30/2020 10:06 AM |               |
| 5070 | NLSR       | Feature | New         | Normal   | Optionally compress the NLSR dataset  |                 | 12/29/2020 07:04 PM |               |

| #    | Project    | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags          |
|------|------------|---------|-------------|----------|--|--------------------|---------------------|---------------|
| 4921 | NLSR       | Feature | New         | Normal   | Change LSA prefix to /localhop/network/site/router/NLSR/LSA/lsa-type/  |                    | 12/29/2020 07:04 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 |               |
| 4192 | NLSR       | Feature | New         | Normal   | Secure launcher for NLSR   |                    | 12/29/2020 07:03 PM | cri-yeartwo   |
| 4170 | NLSR       | Feature | New         | Normal   | Use ndn-cxx Dispatcher to satisfy LSA interests.   | Laqin Fan          | 12/29/2020 07:03 PM |               |
| 4126 | NLSR       | Feature | New         | Normal   | NLSR Troubleshooting Documentation   |                    | 12/29/2020 07:03 PM | cri-yearone   |
| 4102 | NLSR       | Feature | New         | Normal   | Allow user to add or remove neighbors via nlsr   | Saurab Dulal       | 12/29/2020 07:03 PM |               |
| 4083 | NLSR       | Feature | In Progress | Normal   | NLSR Statistics  | Damian Coomes      | 12/29/2020 07:03 PM |               |
| 3948 | NLSR       | Feature | New         | Normal   | Multiple network support   | Laqin Fan          | 12/29/2020 07:03 PM | cri-yeartwo   |
| 3744 | NLSR       | Feature | New         | Normal   | Modularize NLSR  | Saurab Dulal       | 12/29/2020 07:02 PM | cri-yearthree |
| 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 |               |
| 3277 | NLSR       | Feature | New         | Normal   | NLSR messages should include process ID  |                    | 12/29/2020 07:02 PM | cri-yeartwo   |
| 4839 | NLSR       | Task    | New         | Normal   | Move setInfoInterestFilter and setLsaInterestFilter to their respective classes                                  | Saurab Dulal       | 12/29/2020 07:00 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 |               |
| 4109 | NLSR       | Task    | Code review | Normal   | Replace NextHopList with a better container  | Laqin Fan          | 12/29/2020 06:58 PM |               |
| 3950 | NLSR       | Task    | New         | Normal   | Use CertificateBundleFetcher instead of DirectFetcher  | Muktadir Chowdhury | 12/29/2020 06:57 PM |               |
| 3937 | NLSR       | Task    | New         | Normal   | NLSR should react to Face event notifications  | Saurab Dulal       | 12/29/2020 06:57 PM |               |
| 3595 | NLSR       | Task    | New         | Normal   | Document certificate generation process  | Muktadir Chowdhury | 12/29/2020 06:57 PM | cri-yearone   |
| 3254 | NLSR       | Task    | New         | Normal   | Design automated key rollover process  | Muktadir Chowdhury | 12/29/2020 06:56 PM |               |
| 3082 | NLSR       | Task    | Code review | Normal   | Allow configuration file to be reloaded while NLSR is running  | Saurab Dulal       | 12/29/2020 06:56 PM |               |
| 2959 | NLSR       | Task    | New         | Normal   | Design NLSR statistics dataset   | Saurab Dulal       | 12/29/2020 06:55 PM |               |
| 2958 | NLSR       | Task    | New         | Normal   | Allow user to request NLSR statistics using NLSRC  | Saurab Dulal       | 12/29/2020 06:54 PM |               |
| 2957 | NLSR       | Task    | In Progress | Normal   | Implement Statistics publisher   | Damian Coomes      | 12/29/2020 06:54 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 |               |
| 2732 | NLSR       | Task    | New         | Normal   | Refresh Name prefixes when receiving an update Name LSA  | Saurab Dulal       | 12/29/2020 06:53 PM |               |
| 2539 | ChronoChat | Task    | New         | Normal   | Re-license code to GPL 3+  |                    | 12/26/2020 07:37 PM |               |
| 4436 | mini-ndn   | Feature | Code review | Normal   | Provide API to run ndndump on nodes  | Alexander Lane     | 09/13/2020 11:56 AM |               |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee         | Updated             | Tags                    |
|------|--------------------|---------|-------------|----------|--|------------------|---------------------|-------------------------|
| 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 |                         |
| 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 |                         |
| 4141 | mini-ndn           | Task    | In Progress | Normal   | Develop some experiment/examples with common client libraries  | Damian Coomes    | 09/13/2020 11:54 AM |                         |
| 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 |                         |
| 4528 | NFD                | Feature | In Progress | Normal   | Management thread  | Davide Pesavento | 09/12/2020 02:25 PM |                         |
| 3333 | NFD                | Feature | New         | Normal   | Design Interest digest   |                  | 08/26/2020 04:52 PM | needs-discussion        |
| 3465 | NFD                | Feature | New         | Normal   | Extend client auto-configuration stages to include mDNS/DNS-SD   |                  | 08/26/2020 04:52 PM | needs-discussion        |
| 3840 | NFD-android        | Feature | New         | Normal   | mDNS discovery of other NFD nodes on WiFi network  |                  | 08/26/2020 04:48 PM | needs-discussion        |
| 3475 | NDN Specifications | Task    | New         | Normal   | Explore approach to packet prioritization  | Jeff Burke       | 08/26/2020 04:46 PM | needs-discussion        |
| 4500 | NFD                | Feature | New         | Normal   | Improve congestion detection/marketing algorithm   |                  | 08/26/2020 04:44 PM | needs-discussion        |
| 4600 | NFD                | Feature | New         | Normal   | Redesign NFD Management protocol to use ApplicationParameters  |                  | 08/26/2020 04:38 PM | needs-discussion        |
| 4666 | NDN Specifications | Feature | New         | Normal   | Namespace catalog protocol   |                  | 08/26/2020 04:37 PM | 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        |
| 4776 | ndn-cxx            | Feature | New         | Normal   | Re-design SegmentFetcher   |                  | 08/26/2020 04:36 PM | API, needs-discussion   |
| 4857 | NFD                | Feature | New         | Normal   | Discover other NFD nodes on WiFi network using ARP   |                  | 08/26/2020 04:35 PM | needs-discussion        |
| 4958 | NFD                | Feature | New         | Normal   | Implicitly determine remote LpReliability support  |                  | 08/26/2020 04:34 PM | needs-discussion        |
| 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 |                         |
| 3561 | ndn-cxx            | Task    | New         | Normal   | Add a FOO_MAX enumerator to all public enumerations  |                  | 06/29/2020 11:47 PM | API                     |
| 3667 | ndn-cxx            | Feature | New         | Normal   | Logging facility: synchronous sink frontend  |                  | 06/29/2020 11:46 PM | logging, API            |
| 3907 | ndn-cxx            | Feature | New         | Normal   | Certificate API to enumerate extensions  |                  | 06/29/2020 11:46 PM | security, API           |
| 5046 | NFD                | Feature | New         | Normal   | Multicast strategy should send an Interest on Duplicate NACK w/ a different Nonce  |                  | 06/12/2020 09:14 AM |                         |
| 4019 | ndn-cxx            | Feature | New         | Normal   | "ad hoc" detection on macOS  |                  | 06/08/2020 05:43 PM | macOS                   |
| 3916 | ndn-cxx            | Task    | New         | Normal   | Rewrite security tutorial  |                  | 06/07/2020 05:50 PM | security, documentation |
| 3726 | ndn-cxx            | Feature | New         | Normal   | Controller logging   |                  | 06/07/2020 10:47 AM | logging                 |
| 3553 | ndn-cxx            | Feature | New         | Normal   | Logging facility: bounded record queue   |                  | 06/07/2020 10:45 AM | logging                 |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee     | Updated             | Tags               |
|------|--------------------|---------|-------------|----------|--|--------------|---------------------|--------------------|
| 4637 | ndn-tools          | Task    | New         | Normal   | ndncatchunks: use SegmentFetcher   |              | 06/07/2020 10:31 AM | code-cleanup       |
| 5111 | ndn-cxx            | Feature | New         | Normal   | ndnsec export/import: include multiple certificates in SafeBag                             |              | 06/03/2020 09:54 AM | security           |
| 4472 | NLSR               | Task    | In Progress | Normal   | Improve const-ness in codebase.  | Ryan Wickman | 05/31/2020 10:06 AM |                    |
| 4803 | NLSR               | Task    | New         | Normal   | Abstract segment fetcher functionality in separate LSA fetcher class                       |              | 05/31/2020 10:04 AM |                    |
| 5000 | NDN Specifications | Feature | New         | Normal   | ForwardingHint protocol specification  | Lixia Zhang  | 05/03/2020 07:55 AM |                    |
| 2000 | NFD                | Task    | New         | Normal   | Composable strategy building blocks  |              | 04/28/2020 10:15 PM |                    |
| 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 |
| 5101 | NDNSD              | Task    | New         | Normal   | NDNSD Design   |              | 04/13/2020 09:13 PM |                    |
| 1282 | NFD                | Feature | Feedback    | Normal   | Design duplicate suppression on multicast face   |              | 04/09/2020 02:44 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 |                    |
| 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 |                    |
| 4866 | ndn-tools          | Bug     | New         | Normal   | ndnputchunks consumes a large amount of RAM  |              | 01/27/2020 02:45 PM |                    |
| 4148 | NFD                | Feature | New         | Normal   | Add Bluetooth RFCOMM face  |              | 01/23/2020 02:56 PM |                    |
| 3142 | NFD                | Feature | New         | Normal   | Configurable top-level prefixes for NFD-RIB  |              | 11/05/2019 09:16 AM |                    |
| 1973 | NFD                | Task    | New         | Normal   | Build tarball and upload to website  |              | 11/04/2019 02:56 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 |                    |
| 5034 | ndn-tools          | Feature | Code review | Normal   | ndncatchunks: enhanced tracing   |              | 10/26/2019 09:58 PM |                    |
| 4700 | NFD                | Feature | New         | Normal   | Strategy API: trigger strategy upon face state change                                      |              | 10/19/2019 12:13 PM |                    |
| 5019 | npchat             | Task    | New         | Normal   | Consider How to Share User Activity Status   |              | 10/10/2019 02:22 PM |                    |
| 4590 | ndn-tools          | Feature | Feedback    | Normal   | dissect: recognize NDNLP and Packet Format 0.3 elements                                    |              | 10/10/2019 09:25 AM | Packet03Transition |
| 5017 | PSync              | Feature | New         | Normal   | Set IBF size dynamically based on observation without requiring uniform IBF size           |              | 10/09/2019 11:23 AM |                    |
| 4999 | NDN-CCL            | Bug     | New         | Normal   | CI documentation build relies on Python 2  |              | 10/03/2019 07:21 PM |                    |
| 5002 | ndnSIM             | Bug     | New         | Normal   | topologyReader.ApplyOspfMetric() doesn't work unless ndn::StackHelper is installed         |              | 09/18/2019 01:54 PM |                    |
| 4977 | ndncert            | Feature | New         | Normal   | ndncert-client: non-interactive mode   |              | 09/10/2019 11:28 AM |                    |
| 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 |                    |

| #    | Project     | Tracker | Status      | Priority | Subject  | Assignee         | Updated             | Tags |
|------|-------------|---------|-------------|----------|--|------------------|---------------------|------|
| 4993 | npchat      | Task    | New         | Normal   | Display Information About Friendship Process On Screen                           |                  | 09/02/2019 08:14 AM |      |
| 4948 | NFD-android | Bug     | New         | Normal   | Multiple screen overlapping after rotating the phone                             |                  | 09/01/2019 09:02 PM |      |
| 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 |      |
| 4708 | NFD         | Feature | New         | Normal   | UDP faces: support toggling v4 and v6 multicast independently                    |                  | 08/27/2019 08:43 PM |      |
| 4530 | NFD         | Feature | In Progress | Normal   | More efficient communication between threads                                     | Davide Pesavento | 08/27/2019 08:43 PM |      |
| 4539 | NFD         | Task    | New         | Normal   | Management: collect all TLV-TYPE number assignments on the same page             |                  | 08/27/2019 08:39 PM |      |
| 4569 | ndn-cxx     | Bug     | In Progress | Normal   | Default-constructed MetaInfo does not equal MetaInfo decoded with default values | Davide Pesavento | 08/25/2019 08:16 PM |      |
| 4366 | mini-ndn    | Feature | In Progress | Normal   | Add Wifi capability using Mininet-Wifi   | Alexander Lane   | 08/12/2019 11:38 AM |      |
| 4972 | NFD         | Task    | New         | Normal   | Migrate WebSocket face to Boost.Beast  |                  | 07/27/2019 12:11 PM |      |
| 4956 | npchat      | Task    | New         | Normal   | Create Groups  | Jeremy Clark     | 07/03/2019 01:18 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 |      |
| 4829 | NFD         | Feature | New         | Normal   | Improve performance with TCMalloc  |                  | 06/30/2019 09:43 PM |      |
| 4963 | npchat      | Task    | New         | Normal   | Properly handle receiving multiple images from the same friend                   |                  | 06/30/2019 10:46 AM |      |
| 4792 | mini-ndn    | Bug     | New         | Normal   | NFDC does not work when ran through popen  |                  | 06/19/2019 04:34 AM |      |
| 4953 | npchat      | Task    | New         | Normal   | Dynamically Load Large File Data   | Jeremy Clark     | 06/07/2019 02:51 PM |      |
| 4937 | npchat      | Task    | New         | Normal   | Update Android Identity Manager  | Ritik kumar      | 06/06/2019 10:13 AM |      |
| 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 |      |
| 4938 | npchat      | Task    | New         | Normal   | Fix Share File Button  | Jeremy Clark     | 05/21/2019 09:13 AM |      |
| 4936 | npchat      | Task    | New         | Normal   | Connect to NDN Testbed   | Jeremy Clark     | 05/21/2019 09:09 AM |      |
| 4933 | npchat      | Task    | New         | Normal   | Testbed Hierarchical Rules Schema  | Ashlesh Gawande  | 05/21/2019 08:49 AM |      |
| 4634 | repo-ng     | Feature | In Progress | Normal   | Forwarding hint support  | weijia yuan      | 05/15/2019 03:14 PM |      |
| 2551 | NFD         | Feature | New         | Normal   | PIT refresh between neighbors  |                  | 05/08/2019 08:55 AM |      |
| 4145 | NFD         | Feature | New         | Normal   | NDN over Wi-Fi Direct for Linux  |                  | 04/25/2019 06:24 PM |      |
| 4920 | NLSR        | Task    | New         | Normal   | Set best-route strategy for LSAs   |                  | 04/21/2019 04:50 PM |      |
| 4919 | NLSR        | Bug     | New         | Normal   | Schedule hello interest after FACE_EVENT_CREATED is received                     |                  | 04/21/2019 04:40 PM |      |
| 4372 | NLSR        | Task    | Feedback    | Normal   | NLSR should be compatible with ndnSIM.   |                  | 04/10/2019 09:49 AM |      |

| #    | Project     | Tracker | Status   | Priority | Subject  | Assignee         | Updated             | Tags       |
|------|-------------|---------|----------|----------|--|------------------|---------------------|------------|
| 2576 | NDN-CCL     | Feature | New      | Normal   | ForwardingFlags should be removed  | Jeff Burke       | 04/06/2019 01:04 PM |            |
| 4899 | PSync       | Task    | New      | Normal   | Add guideline document for setting sync lifetime   |                  | 03/29/2019 02:04 PM |            |
| 4738 | ndnSIM      | Task    | New      | Normal   | Make ndnSIM compatible with base NS-3 and publish on <a href="https://apps.nsnam.org/">https://apps.nsnam.org/</a> |                  | 03/28/2019 06:26 PM |            |
| 4873 | jndn        | Task    | New      | Normal   | [Android] Incorrect PibImpl when creating KeyChain with pib-sqlite3 pib-locator                                    |                  | 03/19/2019 03:13 PM |            |
| 3476 | NFD         | Task    | New      | Normal   | Design NFD instrumentation   |                  | 03/15/2019 11:17 AM |            |
| 2263 | ndn-cxx     | Task    | New      | Normal   | code-style: Doxygen syntax   |                  | 02/21/2019 09:17 AM |            |
| 4850 | PSync       | Task    | New      | Normal   | Look into providing a lower layer service for syncing arbitrary names  |                  | 02/20/2019 11:32 AM |            |
| 2658 | ndn-cxx     | Feature | New      | Normal   | Face::unregisterPrefix and Face::unsetInterestFilter(RegisteredPrefixHandle): success/failure callbacks            |                  | 02/18/2019 09:02 PM |            |
| 3867 | ndn-tools   | Task    | New      | Normal   | autoconfig: move from NFD repository   | Davide Pesavento | 02/17/2019 03:58 PM |            |
| 3973 | NFD-android | Feature | New      | Normal   | Identity Manager   |                  | 02/14/2019 10:39 PM |            |
| 2394 | NFD         | Feature | New      | Normal   | WebSocketChannel: configurable list of endpoints to bind to  |                  | 02/14/2019 09:50 PM |            |
| 2221 | ndn-cxx     | Task    | New      | Normal   | Face: unit test coverage for specifying signing identity/certificate in prefix registration                        |                  | 02/14/2019 09:43 PM | unit-tests |
| 3462 | NFD-android | Feature | New      | Normal   | StrategyChoice fragment  |                  | 02/13/2019 12:49 PM |            |
| 3456 | NFD-android | Feature | New      | Normal   | Test coverage  |                  | 02/13/2019 12:49 PM |            |
| 3441 | NFD-android | Feature | New      | Normal   | Channels fragment  |                  | 02/13/2019 12:48 PM |            |
| 3425 | NFD-android | Feature | New      | Normal   | Information window about local FaceUri   |                  | 02/13/2019 12:48 PM |            |
| 3457 | NFD-android | Task    | New      | Normal   | Collect and notify apps about routable prefixes  |                  | 02/13/2019 12:48 PM |            |
| 2745 | NFD-android | Task    | New      | Normal   | Cleaning up dialog fragments that pass results back to the target fragment   |                  | 02/13/2019 12:47 PM |            |
| 2666 | NFD-android | Task    | New      | Normal   | Icons for navigation drawer items  |                  | 02/13/2019 12:47 PM |            |
| 2623 | NFD-android | Task    | New      | Normal   | Extend log output settings   |                  | 02/13/2019 12:47 PM |            |
| 2554 | NFD-android | Task    | New      | Normal   | PIB service  |                  | 02/13/2019 12:47 PM |            |
| 2435 | NFD-android | Task    | New      | Normal   | PIT/FIB/RIB state snapshot and restore from snapshots  |                  | 02/13/2019 12:47 PM |            |
| 2746 | NFD-android | Feature | New      | Normal   | Allow configuration of NFD parameters  |                  | 02/13/2019 12:42 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 |            |
| 4822 | PSync       | Task    | Resolved | Normal   | Investigate (PartialProducer + Consumer) as a replacement of FullProducer  |                  | 01/30/2019 02:26 PM |            |
| 4820 | ndn-tools   | Feature | New      | Normal   | Wireshark dissector: follow TCP stream   |                  | 01/28/2019 10:29 AM |            |
| 4801 | mini-ndn    | Task    | New      | Normal   | Add documentation to show NLSR setup with switches in topology   |                  | 01/07/2019 10:25 AM |            |
| 3862 | NFD         | Task    | New      | Normal   | Investigate unordered CS   |                  | 12/04/2018 11:42 PM |            |

| #    | Project     | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags         |
|------|-------------|---------|-------------|----------|--|--------------------|---------------------|--------------|
| 4381 | mini-ndn    | Task    | In Progress | Normal   | Investigate porting NFD integration tests to Mini-NDN environment              | Alexander Lane     | 12/04/2018 06:05 AM |              |
| 4523 | repo-ng     | Task    | New         | Normal   | Add Sync support for repo  | weijia yuan        | 11/15/2018 02:29 PM |              |
| 3369 | NFD         | Task    | New         | Normal   | EthernetTransport: test suite improvement                                      |                    | 11/07/2018 10:28 PM | unit-tests   |
| 4655 | NDN-CCL     | Task    | In Progress | Normal   | Port new name-based access control library                                     |                    | 11/07/2018 12:05 PM |              |
| 4129 | repo-ng     | Feature | New         | Normal   | Management Dispatcher for repo commands  | Muktadir Chowdhury | 10/27/2018 12:50 PM |              |
| 4020 | ndn-cxx     | Feature | In Progress | Normal   | "ad hoc" detection on Linux  | Davide Pesavento   | 10/04/2018 08:33 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 |              |
| 4733 | ndnSIM      | Task    | New         | Normal   | Update face metric based on link latency                                       | Chavoosh Ghasemi   | 09/12/2018 03:04 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 |              |
| 4711 | mini-ndn    | Feature | New         | Normal   | Check for duplicate hyperbolic coordinates while parsing topology file         | Saurab Dulal       | 08/15/2018 10:24 AM |              |
| 4699 | ndn-cxx     | Feature | New         | Normal   | Dispatcher: use SegmentPublisher in StatusDatasetContext                       |                    | 08/07/2018 02:00 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 |              |
| 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 |              |
| 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 |              |
| 4625 | mini-ndn    | Feature | In Progress | Normal   | Add support for the tshark NDN dissector                                       | Alexander Lane     | 06/29/2018 08:50 AM |              |
| 4644 | mini-ndn    | Bug     | New         | Normal   | Mini-NDN checks for nlsr dependency with --no-nlsr option                      |                    | 06/27/2018 09:42 AM |              |
| 1948 | ndn-cxx     | Task    | New         | Normal   | Run integrated tests for every Jenkins build                                   |                    | 06/27/2018 01:39 AM |              |
| 4638 | mini-ndn    | Task    | In Progress | Normal   | Allow manual specification of experiment module in ExperimentManager           | Alexander Lane     | 06/20/2018 09:39 AM | mininet-wifi |
| 4078 | mini-ndn    | Task    | New         | Normal   | Use popen in ndn_application   |                    | 06/07/2018 07:40 AM |              |
| 1776 | ndn-cxx     | Task    | New         | Normal   | Transport: ensure all packets are sent before closing socket                   |                    | 06/05/2018 08:45 PM |              |
| 3412 | ndn-cxx     | Feature | New         | Normal   | SegmentFetcher: onError signal should report more specific failure information |                    | 06/02/2018 06:42 PM |              |
| 4536 | mini-ndn    | Feature | In Progress | Normal   | Allow NLSR bot to test NLSR against release versions of ndn-cxx, NFD           | Alexander Lane     | 05/30/2018 02:05 PM |              |

| #    | Project                 | Tracker | Status      | Priority | Subject   | Assignee          | Updated             | Tags |
|------|-------------------------|---------|-------------|----------|---|-------------------|---------------------|------|
| 4385 | mini-ndn                | Task    | Code review | Normal   | Make NLSR logs available online when the bot fails  | Alexander Lane    | 05/30/2018 12:49 PM |      |
| 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 |      |
| 4557 | ndnSIM                  | Task    | Feedback    | Normal   | Upgrade base NS-3 to just released ns-3.28  | Alex Afanasyev    | 05/08/2018 11:02 AM |      |
| 4040 | ndnSIM                  | Task    | New         | Normal   | Example WiFi scenarios should disable NACK generation   | Spyros Mastorakis | 05/08/2018 10:56 AM |      |
| 3999 | ndnSIM                  | Feature | New         | Normal   | Give an example on how to create custom tags  |                   | 05/08/2018 10:55 AM |      |
| 3656 | ndnSIM                  | Bug     | New         | Normal   | Python bindings enumeration for old-style content store   |                   | 05/08/2018 10:55 AM |      |
| 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 |      |
| 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 |      |
| 2538 | ndnSIM                  | Task    | New         | Normal   | Figure out whether there are memory leaks in ndnSIM.  |                   | 05/08/2018 10:52 AM |      |
| 2557 | ndnSIM                  | Task    | New         | Normal   | Create examples using UDP faces.  |                   | 05/08/2018 10:52 AM |      |
| 4320 | ndnSIM                  | Task    | New         | Normal   | assign custom colors, description on NDN based nodes  |                   | 05/08/2018 10:50 AM |      |
| 4371 | ndnSIM                  | Task    | New         | Normal   | Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx)  |                   | 05/08/2018 10:49 AM |      |
| 4022 | ndnSIM                  | Task    | New         | Normal   | multicast strategy does not work in AnnotatedTopologyReader   | Alex Afanasyev    | 05/08/2018 10:48 AM |      |
| 4597 | Consumer / Producer API | Task    | New         | Normal   | Howto fix it ?  |                   | 04/29/2018 06:46 AM |      |
| 4561 | NLSR                    | Task    | New         | Normal   | Add unit test for checking the published contents   |                   | 03/28/2018 03:13 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 |      |
| 4554 | Packaging               | Bug     | New         | Normal   | ndn-autoconfig-client: prefix registration failure  |                   | 03/23/2018 09:04 PM |      |
| 4348 | ndncert                 | Task    | New         | Normal   | Get rid of the long term storage assumption from NDN CERT CA design                                       |                   | 03/15/2018 03:02 AM |      |
| 4541 | NLSR                    | Feature | New         | Normal   | Propagate Strategy choice for a prefix through routing  |                   | 03/07/2018 02:43 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 |      |
| 4446 | NFD                     | Feature | New         | Normal   | Measurements query operation  |                   | 02/21/2018 08:56 PM |      |
| 4512 | NLSR                    | Task    | New         | Normal   | Add unit tests for checking the contents of sync data on the wire   |                   | 02/19/2018 08:26 PM |      |

| #    | Project          | Tracker | Status   | Priority | Subject  | Assignee       | Updated             | Tags  |
|------|------------------|---------|----------|----------|--|----------------|---------------------|-------|
| 4505 | NFD              | Feature | New      | Normal   | nfdc: TAB completion for command names   |                | 02/14/2018 05:49 PM |       |
| 3663 | ndn-cxx          | Feature | New      | Normal   | NotificationSubscriber: Validator  |                | 02/12/2018 12:28 PM |       |
| 4495 | ChronoSync       | Bug     | New      | Normal   | Strange buffer overflow / random crash of chronosync::Socket related to ndn::InMemoryStorage |                | 02/11/2018 07:46 PM |       |
| 4460 | ICE-AR Prototype | Task    | New      | Normal   | Design, then implement and deploy acceleration-as-a-service protocol for one edge module     | Jessie Xu      | 02/08/2018 11:04 AM |       |
| 4494 | ICE-AR Prototype | Task    | New      | Normal   | explore the use of RxAdnroidBLE for beaconing  |                | 02/08/2018 09:54 AM |       |
| 4458 | ICE-AR Prototype | Task    | New      | Normal   | Incorporate bluetooth beacon reading into NFD-andorid  | Yanbiao Li     | 02/08/2018 09:50 AM |       |
| 3000 | NFD              | Feature | Feedback | Normal   | Design mobility with forwarding hint   |                | 02/03/2018 09:05 PM |       |
| 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 |       |
| 4166 | NFD              | Feature | New      | Normal   | autoconfig: consider ad hoc wireless faces   |                | 01/25/2018 02:09 PM |       |
| 3217 | ndn-cxx          | Feature | New      | Normal   | Avoid memory copy when creating Ip::Packet from Fragment                                     |                | 01/25/2018 01:12 PM |       |
| 1698 | NFD              | Feature | New      | Normal   | Queuing FIB updates generated as a response to different RIB updates                         |                | 01/23/2018 11:25 PM |       |
| 3143 | NFD              | Feature | New      | Normal   | Discover RIB management prefix of connected gateway router                                   |                | 01/23/2018 11:25 PM |       |
| 2626 | NFD              | Bug     | New      | Normal   | CS lookup takes long time if Interest Name covers many entries                               |                | 01/23/2018 11:23 PM |       |
| 3145 | NFD              | Feature | New      | Normal   | Collect and publish routable-prefixes  |                | 01/23/2018 11:22 PM |       |
| 3393 | ndn-cxx          | Task    | New      | Normal   | Create infrastructure for documentation currently in ndn-cxx developer's guide               | Alex Afanasyev | 01/23/2018 11:20 PM |       |
| 1785 | ndn-cxx          | Bug     | New      | Normal   | Face: transport is never paused after pushing Data   |                | 01/23/2018 11:19 PM |       |
| 2834 | ndn-cxx          | Feature | Feedback | Normal   | Make regex more strict   |                | 01/23/2018 11:18 PM |       |
| 2835 | ndn-cxx          | Feature | Feedback | Normal   | Change backref symbol in regular expression  |                | 01/23/2018 11:17 PM |       |
| 2614 | ndn-cxx          | Task    | New      | Normal   | code-style: line width   |                | 01/23/2018 09:51 PM |       |
| 2455 | ndn-cxx          | Task    | New      | Normal   | code-style: noncopyable  |                | 01/23/2018 09:51 PM |       |
| 4408 | NFD              | Bug     | New      | Normal   | NFD throughput using large chunk is low  |                | 01/22/2018 03:34 PM |       |
| 4457 | ICE-AR Prototype | Task    | New      | Normal   | develop repo-sync for content publishing and retrieval                                       | Haitao Zhang   | 01/21/2018 10:06 PM | CS217 |
| 2716 | Packaging        | Feature | New      | Normal   | start ndn-autoconfig client in parallel with NFD   |                | 01/21/2018 12:00 PM |       |
| 4461 | ICE-AR Prototype | Task    | New      | Normal   | Design and configure three-site testbed  | Yanbiao Li     | 01/18/2018 01:25 PM |       |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee           | Updated             | Tags |
|------|--------------------|---------|-------------|----------|--|--------------------|---------------------|------|
| 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 |      |
| 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 |      |
| 3996 | NLSR               | Task    | New         | Normal   | Add Nack functionality (wherever needed) in expressInterestMethod()                          |                    | 01/02/2018 02:01 PM |      |
| 1813 | NLSR               | Feature | New         | Normal   | Include route flags in advertised names  |                    | 01/02/2018 01:18 PM |      |
| 2953 | NLSR               | Task    | New         | Normal   | Implement broadcast link Hello protocol  |                    | 01/02/2018 01:16 PM |      |
| 4084 | NLSR               | Feature | New         | Normal   | Hello Protocol over broadcast link   |                    | 01/02/2018 01:13 PM |      |
| 2952 | NLSR               | Task    | New         | Normal   | Design broadcast link Hello protocol   |                    | 01/02/2018 01:07 PM |      |
| 4114 | mini-ndn           | Bug     | New         | Normal   | Minindndedit writes the same hostname for each node without any error                        |                    | 12/21/2017 04:32 PM |      |
| 4329 | mini-ndn           | Feature | New         | Normal   | Support per-node, arbitrary actions at different points during an experiment.                |                    | 12/21/2017 04:29 PM |      |
| 4330 | mini-ndn           | Feature | New         | Normal   | Specifying per-node delays at topology setup   |                    | 12/21/2017 04:28 PM |      |
| 3271 | mini-ndn           | Task    | New         | Normal   | Add automatic testing of Mini-NDN patches on Gerrit  |                    | 12/21/2017 04:10 PM |      |
| 4069 | mini-ndn           | Task    | New         | Normal   | Investigate Mini-NDN topology link setup   |                    | 12/21/2017 04:07 PM |      |
| 3481 | ndnrtc             | Feature | New         | Normal   | Test NDN-RTC performance in Mini-NDN   | Ashlesh Gawande    | 12/21/2017 11:19 AM |      |
| 2488 | ndn-cxx            | Feature | New         | Normal   | Asynchronous API for data signing  |                    | 12/01/2017 01:20 PM |      |
| 4389 | NLSR               | Feature | New         | Normal   | General broadcast support  |                    | 11/21/2017 11:17 AM |      |
| 4384 | NLSR               | Task    | New         | Normal   | Use loopback interest to serve own certificate   | Muktadir Chowdhury | 11/16/2017 10:48 AM |      |
| 4375 | repo-ng            | Bug     | New         | Normal   | Unrecognized 'registration-subset' option in 'tcp_bulk_insert' section in configuration file |                    | 11/06/2017 07:39 AM |      |
| 4353 | NLSR               | Task    | In Progress | Normal   | Improve LSA class hierarchy and related methods.   |                    | 11/03/2017 01:27 PM |      |
| 4373 | NLSR               | Task    | New         | Normal   | Refactor ndnSIM port to use the NLSR statistics system.                                      |                    | 10/31/2017 01:35 PM |      |
| 4356 | repo-ng            | Bug     | New         | Normal   | Unrecognized 'registration-subset' option  |                    | 10/24/2017 11:17 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 |      |
| 4350 | ndn-cxx            | Feature | New         | Normal   | Combine the direct fetch and key bundle  |                    | 10/19/2017 10:47 AM |      |
| 4346 | ndncert            | Feature | New         | Normal   | Need trust anchor storage support from ndn-cxx   |                    | 10/18/2017 12:37 PM |      |
| 4113 | NFD                | Feature | New         | Normal   | Use auto-detected "ad hoc" attribute to create faces   |                    | 10/17/2017 01:23 PM |      |
| 4026 | NFD                | Feature | New         | Normal   | FaceSystem: use fine-grained signals from NetworkMonitor                                     |                    | 10/17/2017 01:22 PM |      |
| 3216 | ndn-cxx            | Feature | New         | Normal   | Copy-on-write buffer abstraction and refactor Block  |                    | 10/17/2017 01:15 PM |      |

| #    | Project            | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Tags |
|------|--------------------|---------|-------------|----------|---|----------|---------------------|------|
| 4317 | NFD                | Feature | New         | Normal   | Content Store enumeration   |          | 10/01/2017 09:26 PM |      |
| 4272 | NLSR               | Task    | New         | Normal   | Implement validation of the interest from remote router and local host        |          | 09/06/2017 08:09 AM |      |
| 4271 | NLSR               | Task    | New         | Normal   | Implement common TLV system.  |          | 09/05/2017 01:50 PM |      |
| 4267 | NLSR               | Feature | New         | Normal   | Remove explicit TLV classes   |          | 09/05/2017 01:50 PM |      |
| 4269 | NLSR               | Task    | New         | Normal   | Design 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 |      |
| 3896 | ndn-cxx            | Bug     | New         | Normal   | FaceUri::parse doesn't reject some invalid unix:// URIs                       |          | 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 |      |
| 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 |      |
| 3889 | NFD                | Bug     | New         | Normal   | Retransmission suppression is too aggressive                                  |          | 08/25/2017 01:09 PM |      |
| 4253 | NLSR               | Task    | In Progress | Normal   | Unit tests should be more deterministic                                       |          | 08/24/2017 10:58 AM |      |
| 4238 | NLSR               | Feature | New         | Normal   | Increase independence of RoutingTable.  |          | 08/23/2017 02:48 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 |      |
| 3402 | NDN in the browser | Feature | New         | Normal   | TLS WebSocket endpoint on testbed   |          | 07/24/2017 07:45 AM |      |
| 3030 | NFD                | Feature | New         | Normal   | Display RouterName in 'nfdc status show'                                      |          | 07/23/2017 06:29 AM |      |
| 1047 | NDN-CCL            | Bug     | New         | Normal   | The removeRegisteredPrefix API should "unregister" from the forwarding daemon |          | 07/18/2017 03:51 PM |      |
| 2459 | NFD                | Bug     | New         | Normal   | ndn-autoconfig (daemon mode): non-deterministic timeouts for DNS resolution   |          | 07/07/2017 01:54 AM |      |
| 3816 | ndn-cxx            | Feature | New         | Normal   | KeyRollover for high-rate data  |          | 07/07/2017 12:36 AM |      |
| 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 |      |
| 3593 | NLSR               | Task    | New         | Normal   | Handle old state in Sync digest tree  |          | 06/19/2017 01:05 PM |      |

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