# Review checklist

Please cross-out your team once you finished the review

* ~~@team-execution~~
* ~~@team-messaging~~

# Release Notes for [**release-2024-08-21\_15-36-base**](https://github.com/dfinity/ic/tree/release-2024-08-21_15-36-base) (b0ade55f7e8999e2842fe3f49df163ba224b71a2)

This release is based on changes since [release-2024-08-15\_01-30-base](https://dashboard.internetcomputer.org/release/6968299131311c836917f0d16d0b1b963526c9b1) (6968299131311c836917f0d16d0b1b963526c9b1).

Please note that some commits may be excluded from this release if they're not relevant, or not modifying the GuestOS image. Additionally, descriptions of some changes might have been slightly modified to fit the release notes format.

To see a full list of commits added since last release, compare the revisions on [GitHub](https://github.com/dfinity/ic/compare/release-2024-08-15_01-30-base...release-2024-08-21_15-36-base).

## Features:

* author: Adri Alic | [0d99d0d81](https://github.com/dfinity/ic/commit/0d99d0d81) Consensus,Interface(consensus): Implement artifact pool bounds for equivocation proofs ([#974](https://github.com/dfinity/ic/pull/974))
* author: Adri Alic | [faacac310](https://github.com/dfinity/ic/commit/faacac310) Consensus,Interface(consensus): Purge equivocation proofs below and at finalized height ([#927](https://github.com/dfinity/ic/pull/927))
* author: Fran Prei | [20e19f491](https://github.com/dfinity/ic/commit/20e19f491) Crypto: remove ic-signature-verification's dependency on rand ([#994](https://github.com/dfinity/ic/pull/994))
* ~~author: max- |~~ [366404d06](https://github.com/dfinity/ic/commit/366404d06) ~~Interface(nns): Add date filtering to list\_node\_provider\_rewards (~~[#979](https://github.com/dfinity/ic/pull/979)~~) [AUTO-EXCLUDED:filtered out by package filters]~~
* author: mras | [4897fd255](https://github.com/dfinity/ic/commit/4897fd255) Interface(PocketIC): subnet read state requests ([#968](https://github.com/dfinity/ic/pull/968))
* ~~author: max- |~~ [af6561dc3](https://github.com/dfinity/ic/commit/af6561dc3) ~~Interface(nns): Add endpoint to get historical node provider rewards (~~[#941](https://github.com/dfinity/ic/pull/941)~~) [AUTO-EXCLUDED:filtered out by package filters]~~
* author: Alek Pakh | [2d220277b](https://github.com/dfinity/ic/commit/2d220277b) Interface: ValidateEq derivation and annotation ([#808](https://github.com/dfinity/ic/pull/808))
* ~~author: jaso |~~ [b4ccc86f8](https://github.com/dfinity/ic/commit/b4ccc86f8) ~~Interface(nns): Change InstallCode proposal to always return wasm\_module\_hash and arg\_hash (~~[#937](https://github.com/dfinity/ic/pull/937)~~) [AUTO-EXCLUDED:filtered out by package filters]~~

## Bugfixes:

* author: Rost Rume | [2998e00de](https://github.com/dfinity/ic/commit/2998e00de) Consensus,Interface: remove the attribute concept ([#392](https://github.com/dfinity/ic/pull/392))
* ~~author: Alin Sinp |~~ [~~f04c0ce20~~](https://github.com/dfinity/ic/commit/f04c0ce20) ~~Execution,Interface,Message Routing: Fix bug in StreamsTesting fixture (~~[~~#1014~~](https://github.com/dfinity/ic/pull/1014)~~)~~
* author: Niko | [dada69e8f](https://github.com/dfinity/ic/commit/dada69e8f) Interface: method not supported error message ([#921](https://github.com/dfinity/ic/pull/921))

## Performance improvements:

* author: Davi Fran | [6ec7a4977](https://github.com/dfinity/ic/commit/6ec7a4977) Interface,Node: Optimize the inject\_files tool ([#957](https://github.com/dfinity/ic/pull/957))
* author: Davi Fran | [8e149ef62](https://github.com/dfinity/ic/commit/8e149ef62) Interface,Node: Optimize the implementation of dflate and add a test ([#954](https://github.com/dfinity/ic/pull/954))

## Chores:

* author: Rost Rume | [510fcac2f](https://github.com/dfinity/ic/commit/510fcac2f) Consensus,Interface: Introduce the ArtifactMutation type ([#929](https://github.com/dfinity/ic/pull/929))
* ~~author: Leo Eich |~~ [~~43c59b2ff~~](https://github.com/dfinity/ic/commit/43c59b2ff) ~~Consensus,Interface: Make Cannot report master public key changed metric warning less noisy (~~[~~#986~~](https://github.com/dfinity/ic/pull/986)~~)~~
* author: Nico Matt | [87b72bec4](https://github.com/dfinity/ic/commit/87b72bec4) Consensus,Interface(IDX): remove custom lmdb-rkv build ([#905](https://github.com/dfinity/ic/pull/905))
* author: Chri Müll | [435bdcc9f](https://github.com/dfinity/ic/commit/435bdcc9f) Consensus,Interface,Networking: purge before shares creation ([#882](https://github.com/dfinity/ic/pull/882))
* author: Chri Müll | [68586671c](https://github.com/dfinity/ic/commit/68586671c) Consensus,Interface,Networking(consensus): [Con-1229] stash more shares ([#902](https://github.com/dfinity/ic/pull/902))
* ~~author: r-bi |~~ [4039ea27e](https://github.com/dfinity/ic/commit/4039ea27e) ~~Consensus,Interface,Node: add a per-boundary-node rate-limit of 1000 update calls per second (~~[#922](https://github.com/dfinity/ic/pull/922)~~) [AUTO-EXCLUDED:filtered out by package filters]~~
* author: Chri Müll | [db118af8a](https://github.com/dfinity/ic/commit/db118af8a) Execution,Interface(consensus): [Con-1228] bound http outcalls ([#859](https://github.com/dfinity/ic/pull/859))
* ~~author: Andr Bere |~~ [528e08c1f](https://github.com/dfinity/ic/commit/528e08c1f) ~~Execution,Interface,Message Routing: Convert proptests to test strategy (~~[#978](https://github.com/dfinity/ic/pull/978)~~) [AUTO-EXCLUDED:filtered out by package filters]~~
* ~~author: jaso |~~ [2251ac411](https://github.com/dfinity/ic/commit/2251ac411) ~~Interface(nns): Make the comments on the topics and proposals consistent with NNS Dapp and ICP Dashboard (~~[#1003](https://github.com/dfinity/ic/pull/1003)~~) [AUTO-EXCLUDED:filtered out by package filters]~~
* author: mras | [234ca3809](https://github.com/dfinity/ic/commit/234ca3809) Interface(PocketIC): do not use no\_op\_logger and MetricsRegistry::default in PocketIC ([#965](https://github.com/dfinity/ic/pull/965))
* author: Rost Rume | [b0aef30f1](https://github.com/dfinity/ic/commit/b0aef30f1) Interface: upgrade deps ([#907](https://github.com/dfinity/ic/pull/907))
* ~~author: Niko |~~ [1fd18580d](https://github.com/dfinity/ic/commit/1fd18580d) ~~Interface(ICP-Ledger): remove maximum number of accounts (~~[#972](https://github.com/dfinity/ic/pull/972)~~) [AUTO-EXCLUDED:filtered out by package filters]~~
* author: Jack Lloy | [7e53880dd](https://github.com/dfinity/ic/commit/7e53880dd) Interface,Message Routing(crypto): Extend state\_machine\_tests to support Schnorr signatures ([#912](https://github.com/dfinity/ic/pull/912))
* author: tim gret | [71b025f32](https://github.com/dfinity/ic/commit/71b025f32) Interface,Networking: remove DummySocket from quic transport ([#973](https://github.com/dfinity/ic/pull/973))
* author: venk | [c9e692e3d](https://github.com/dfinity/ic/commit/c9e692e3d) Owners(ic): Bump ic-cdk to v0.13.5 ([#998](https://github.com/dfinity/ic/pull/998))
* author: Saša Tomi | [fe29bbcca](https://github.com/dfinity/ic/commit/fe29bbcca) Node: Fix a typo in SetupOS ([#1016](https://github.com/dfinity/ic/pull/1016))
* author: sa-g | [11a4f14d8](https://github.com/dfinity/ic/commit/11a4f14d8) Node: Update Base Image Refs [2024-08-15-0808] ([#948](https://github.com/dfinity/ic/pull/948))

## Refactoring:

* ~~author: Andr Popo |~~ [8e4ffb731](https://github.com/dfinity/ic/commit/8e4ffb731) ~~Interface(nns): Cleanup NNS Governance API type definitions (~~[#961](https://github.com/dfinity/ic/pull/961)~~) [AUTO-EXCLUDED:filtered out by package filters]~~
* author: Rost Rume | [dcbfc2217](https://github.com/dfinity/ic/commit/dcbfc2217) Interface: don't pull the registry canister as part of the GuestOS ([#494](https://github.com/dfinity/ic/pull/494))
* author: Stef Schn | [16b8ecb3f](https://github.com/dfinity/ic/commit/16b8ecb3f) Interface,Message Routing: Remove PageMapType::get\_mut ([#925](https://github.com/dfinity/ic/pull/925))

## Tests:

* author: Ulan Dege | [84d011ca5](https://github.com/dfinity/ic/commit/84d011ca5) Execution,Interface(EXE): Add more tests for Wasm memory limit ([#995](https://github.com/dfinity/ic/pull/995))
* author: Alin Sinp | [3fa04ed34](https://github.com/dfinity/ic/commit/3fa04ed34) Execution,Interface,Message Routing: Clean up CanisterQueues proptests ([#969](https://github.com/dfinity/ic/pull/969))
* ~~author: Stef Schn |~~ [9edfbdc4b](https://github.com/dfinity/ic/commit/9edfbdc4b) ~~Interface,Message Routing: Add snapshots to subnet split manifest test (~~[#975](https://github.com/dfinity/ic/pull/975)~~) [AUTO-EXCLUDED:filtered out by package filters]~~

## **~~Other changes not modifying GuestOS~~**

* ~~author: kpop |~~ [56551ce78](https://github.com/dfinity/ic/commit/56551ce78) ~~Consensus,Interface(ic-backup): Purge snapshots from the hot storage more aggresively (~~[#1008](https://github.com/dfinity/ic/pull/1008)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: mras |~~ [63345d6a4](https://github.com/dfinity/ic/commit/63345d6a4) ~~Interface(PocketIC): specify replica log level of PocketIC instances (~~[#971](https://github.com/dfinity/ic/pull/971)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Paul Liu |~~ [c16696f93](https://github.com/dfinity/ic/commit/c16696f93) ~~Interface(ckerc20): NNS proposal to add ckEURC (~~[#946](https://github.com/dfinity/ic/pull/946)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: mras |~~ [268967ec9](https://github.com/dfinity/ic/commit/268967ec9) ~~Interface(PocketIC): VerifiedApplication subnets (~~[#963](https://github.com/dfinity/ic/pull/963)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Niko |~~ [96cf599a6](https://github.com/dfinity/ic/commit/96cf599a6) ~~Interface(ICP-Rosetta): add symbol check (~~[#884](https://github.com/dfinity/ic/pull/884)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: dani |~~ [6621525c0](https://github.com/dfinity/ic/commit/6621525c0) ~~Interface(nns): Flag for SetVisibility Proposals. (~~[#887](https://github.com/dfinity/ic/pull/887)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: mras |~~ [52a3d3659](https://github.com/dfinity/ic/commit/52a3d3659) ~~Interface(PocketIC): artificial delay in auto progress mode of PocketIC (~~[#970](https://github.com/dfinity/ic/pull/970)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: tmu0 |~~ [b92f83285](https://github.com/dfinity/ic/commit/b92f83285) ~~Owners: slack failover data store (~~[#697](https://github.com/dfinity/ic/pull/697)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Jan Wend |~~ [1ad0ad696](https://github.com/dfinity/ic/commit/1ad0ad696) ~~Owners: add ic-gateway to dependency scanning (~~[#964](https://github.com/dfinity/ic/pull/964)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Luc Blae |~~ [449066c40](https://github.com/dfinity/ic/commit/449066c40) ~~Consensus,Interface(IDX): Fix nix MacOs build for rocksdb dependency (~~[#993](https://github.com/dfinity/ic/pull/993)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Paul Liu |~~ [74dae345f](https://github.com/dfinity/ic/commit/74dae345f) ~~Crypto,Interface: fix crypto cargo build (~~[#934](https://github.com/dfinity/ic/pull/934)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: mras |~~ [c7b8d3d8b](https://github.com/dfinity/ic/commit/c7b8d3d8b) ~~Interface(PocketIC): HTTP gateway crash (~~[#1029](https://github.com/dfinity/ic/pull/1029)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: mras |~~ [688137852](https://github.com/dfinity/ic/commit/688137852) ~~Interface(PocketIC): HTTP gateway can handle requests with IP address hosts (~~[#1025](https://github.com/dfinity/ic/pull/1025)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: tim gret |~~ [d5f514da6](https://github.com/dfinity/ic/commit/d5f514da6) ~~Interface: adjust metric names in p2p dashboard (~~[#933](https://github.com/dfinity/ic/pull/933)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: tim gret |~~ [12d1e6e9d](https://github.com/dfinity/ic/commit/12d1e6e9d) ~~Interface,Networking: simulated network didn't correctly apply all tc filters (~~[#928](https://github.com/dfinity/ic/pull/928)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Thom Müll |~~ [b0ade55f7](https://github.com/dfinity/ic/commit/b0ade55f7) ~~Owners(PSEC): check environment in periodic job before running [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: tmu0 |~~ [f72e44ad0](https://github.com/dfinity/ic/commit/f72e44ad0) ~~Owners: check first block if text field doesn't contain prefix (~~[#1034](https://github.com/dfinity/ic/pull/1034)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Carl Gund |~~ [b0c612da4](https://github.com/dfinity/ic/commit/b0c612da4) ~~Owners(IDX): syntax error workflow daily (~~[#1018](https://github.com/dfinity/ic/pull/1018)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Carl Gund |~~ [dc960ac1b](https://github.com/dfinity/ic/commit/dc960ac1b) ~~Owners(IDX): update darwin trigger logic (~~[#1013](https://github.com/dfinity/ic/pull/1013)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Carl Gund |~~ [6392b8eae](https://github.com/dfinity/ic/commit/6392b8eae) ~~Owners(IDX): add cache permissions [RUN\_ALL\_BAZEL\_TARGETS] (~~[#984](https://github.com/dfinity/ic/pull/984)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Saša Tomi |~~ [9bd0a407b](https://github.com/dfinity/ic/commit/9bd0a407b) ~~Owners(ci): Use .zst instead of .gz disk images in more places (~~[#958](https://github.com/dfinity/ic/pull/958)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Nico Matt |~~ [975199acb](https://github.com/dfinity/ic/commit/975199acb) ~~Owners(IDX): remove darwin container check (~~[#950](https://github.com/dfinity/ic/pull/950)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Eero Kell |~~ [b3ee4e736](https://github.com/dfinity/ic/commit/b3ee4e736) ~~Node: Remove dead boundary-guestos files (~~[#962](https://github.com/dfinity/ic/pull/962)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: sa-g |~~ [df4aca5dd](https://github.com/dfinity/ic/commit/df4aca5dd) ~~Consensus,Node: Update Mainnet IC revisions file (~~[#1010](https://github.com/dfinity/ic/pull/1010)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Fran Prei |~~ [3340b3656](https://github.com/dfinity/ic/commit/3340b3656) ~~Crypto: bump ic-signature-verification version to 0.2 (~~[#1006](https://github.com/dfinity/ic/pull/1006)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: mras |~~ [dbf9b25d1](https://github.com/dfinity/ic/commit/dbf9b25d1) ~~Interface(PocketIC): block in instance deletion until PocketIC is dropped (~~[#1030](https://github.com/dfinity/ic/pull/1030)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Niko |~~ [f19e510e5](https://github.com/dfinity/ic/commit/f19e510e5) ~~Interface(ICP-Rosetta): icp rosetta database table consolidation (~~[#872](https://github.com/dfinity/ic/pull/872)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Saša Tomi |~~ [3c7b7f2ca](https://github.com/dfinity/ic/commit/3c7b7f2ca) ~~Interface: Remove obsolete and unused deployment in NNS canister\_ids.json (~~[#931](https://github.com/dfinity/ic/pull/931)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: mras |~~ [1e5a4012d](https://github.com/dfinity/ic/commit/1e5a4012d) ~~Interface: optimize NNS canister builds again (~~[#952](https://github.com/dfinity/ic/pull/952)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Carl Gund |~~ [7b3981ca0](https://github.com/dfinity/ic/commit/7b3981ca0) ~~Owners(IDX): remove channel alerts (~~[#1033](https://github.com/dfinity/ic/pull/1033)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Arsh Ter- |~~ [545a018dc](https://github.com/dfinity/ic/commit/545a018dc) ~~Owners: Bump governance-canister / governance-canister\_test compressed WASM size limit from 1.3 to 1.4 MB (~~[#1012](https://github.com/dfinity/ic/pull/1012)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: tmu0 |~~ [830d1b9f3](https://github.com/dfinity/ic/commit/830d1b9f3) ~~Owners(ic): bump ic-cdk v0.12 & v0.14 (~~[#1009](https://github.com/dfinity/ic/pull/1009)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Carl Gund |~~ [baeef4d7b](https://github.com/dfinity/ic/commit/baeef4d7b) ~~Owners(IDX): update namespace jobs to trigger on pull\_request (~~[#996](https://github.com/dfinity/ic/pull/996)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Mark Kosm |~~ [6b6c8477c](https://github.com/dfinity/ic/commit/6b6c8477c) ~~Owners(IDX): bazel --profile=profile.json (~~[#901](https://github.com/dfinity/ic/pull/901)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Luc Blae |~~ [6f444bdf4](https://github.com/dfinity/ic/commit/6f444bdf4) ~~Owners(IDX): Add languages team channel (~~[#989](https://github.com/dfinity/ic/pull/989)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: venk |~~ [bf0c93467](https://github.com/dfinity/ic/commit/bf0c93467) ~~Owners(dependency-mgmt): Check node version compatibility before performing the scan (~~[#793](https://github.com/dfinity/ic/pull/793)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Dani Shar |~~ [ecf68e296](https://github.com/dfinity/ic/commit/ecf68e296) ~~Owners: set networking team as codeowner for network simulation module (~~[#945](https://github.com/dfinity/ic/pull/945)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: greg |~~ [24d732eb1](https://github.com/dfinity/ic/commit/24d732eb1) ~~Interface(ckerc20): Simplify return type of eth\_rpc::call (~~[#853](https://github.com/dfinity/ic/pull/853)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: stie |~~ [9a68c3bcf](https://github.com/dfinity/ic/commit/9a68c3bcf) ~~Interface,Message Routing: Use Testing Constants as Subnet IDs in Messaging Integration Tests (~~[#936](https://github.com/dfinity/ic/pull/936)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Math Björ |~~ [676c5448f](https://github.com/dfinity/ic/commit/676c5448f) ~~Interface(ICRC\_ledger): Add downgrade to mainnet version for SNS ledgers (~~[#967](https://github.com/dfinity/ic/pull/967)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Dani Shar |~~ [039322fe3](https://github.com/dfinity/ic/commit/039322fe3) ~~Interface(consensus): Use the synchronous call-v3 agent for consensus performance test (~~[#910](https://github.com/dfinity/ic/pull/910)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Math Björ |~~ [b388425da](https://github.com/dfinity/ic/commit/b388425da) ~~Interface(icrc\_ledger): Add ledger state verification for golden state upgrade test of SNS ledger (~~[#720](https://github.com/dfinity/ic/pull/720)~~) [AUTO-EXCLUDED:not a GuestOS change]~~
* ~~author: Dani Shar |~~ [a2f7d24f4](https://github.com/dfinity/ic/commit/a2f7d24f4) ~~Interface,Networking(network-simulation): Increase transmission control buffers (~~[#908](https://github.com/dfinity/ic/pull/908)~~) [AUTO-EXCLUDED:not a GuestOS change]~~