

changelog.md for @push.rocks/smartnetwork

2026-03-26 - 4.5.2 - fix(docs)

refresh README content and align license copyright holder

- Rewrite the README to better present network diagnostics, IP intelligence capabilities, usage examples, and full API reference
- Add issue reporting guidance and clarify legal and trademark wording in project documentation
- Update the license copyright holder to Task Venture Capital GmbH

2026-03-26 - 4.5.1 - fix(ipintelligence)

handle flat geolocation MMDB schema and clean up DNS client lifecycle

- update IP intelligence lookups to read geolocation fields from the flat @ip-location-db schema instead of MaxMind nested city records
- destroy the Team Cymru DNS client after queries to avoid leaking resources
- adjust IP intelligence tests to validate countryCode-based geolocation and RDAP fields against current data sources

2026-03-26 - 4.5.0 - feat(smartnetwork)

add Rust-powered network diagnostics bridge and IP intelligence lookups

- replace system-dependent ping, traceroute, port checks, and gateway detection with a Rust IPC binary integrated through smartrust
- add IP intelligence support combining RDAP, ASN, and MaxMind geolocation data
- update build configuration to compile and package Rust binaries for Linux amd64 and arm64
- refresh tests and docs for explicit SmartNetwork start/stop lifecycle and new functionality

2025-09-12 - 4.4.0 - feat(smarnetwork)

Add exclude option to findFreePort and skip excluded ports during search

- Add an 'exclude' array to IFindFreePortOptions so callers can specify ports to ignore when searching for a free port.
- Respect excluded ports in findFreePort for both random (randomize=true) and sequential searches so excluded ports are never returned.
- Add .claude/settings.local.json to include local permissions used for development/CI helpers.

2025-09-12 - 4.3.0 - feat(smarnetwork)

Add randomizable port search and switch DNS resolution to @push.rocks/smardns; export smardns and update docs

- findFreePort: added options.randomize (IFindFreePortOptions) to return a random available port within a range; retains default sequential search behavior
- resolveDns: switched to @push.rocks/smardns client with 'prefer-system' strategy and DoH fallback; now returns parsed A, AAAA and MX records
- Exported smardns from the internal plugins module and added @push.rocks/smardns dependency
- Documentation updates: readme clarifies random port selection, DNS resolution strategy and adds examples for random findFreePort usage
- Bumped @git.zone/tstest dev dependency to ^2.3.7

2025-09-12 - 4.2.0 - feat(PublicIp)

Add PublicIp service and refactor SmartNetwork to use it; remove public-ip dependency; update exports, docs and dependencies

- Add PublicIp class (ts/smartnetwork.classes.publicip.ts) implementing public IPv4/IPv6 lookup with multiple fallback services, timeouts and validation
- Refactor SmartNetwork.getPublicIps to use the new PublicIp class and preserve caching behavior
- Export PublicIp from package entry (ts/index.ts)
- Remove public-ip from plugins/exports and stop using the public-ip package
- Bump devDependencies and runtime dependency versions in package.json (@git.zone/tsbuild, @git.zone/tstest, @push.rocks/smartenv, systeminformation)
- Improve README: expanded usage, examples, formatting and added emojis for clarity
- Add project local settings file (.claude/settings.local.json) for CI/permissions configuration

2025-07-31 - 4.1.0 - feat(port-management)

Add findFreePort method for automatic port discovery within a range

- Added new `findFreePort` method to SmartNetwork class that finds the first available port in a specified range
- Added comprehensive tests for the new port finding functionality
- Updated README documentation with usage examples for the new feature
- Improved port management capabilities for dynamic port allocation scenarios

2025-05-19 - 4.0.2 - fix(tests)

Update dev dependencies and refactor test assertions for improved clarity

- Bumped @git.zone/tsbuild version to ^2.5.1
- Bumped @git.zone/tstest version to ^1.9.0
- Updated npm test script to include the verbose flag
- Replaced expectAsync assertions with resolves based assertions in test files

2025-05-03 - 4.0.1 - fix(formatting)

Fix minor formatting issues and newline consistency across project files

- Ensure newline at end of package.json, errors.ts, logging.ts, and test files
- Refine code block formatting in readme.md
- Adjust whitespace and code style in smartnetwork classes and cloudflarespeed module
- Minor commitinfo data format update

2025-04-28 - 4.0.0 - BREAKING CHANGE(smartnetwork)

Enhance documentation and add configurable speed test options with plugin architecture improvements

- Expanded README with detailed examples for traceroute, speed test, ping, and remote port checks
- Added optional parameters for getSpeed (parallelStreams and duration) to allow configurable testing modes
- Included plugin architecture usage examples to show runtime registration and unregistration of plugins
- Updated test suite to cover DNS resolution, endpoint health-check, caching behavior, and various network diagnostics
- Removed legacy planning documentation from readme.plan.md

2025-04-28 - 3.0.5 - fix(core)

Improve logging and error handling by introducing custom error classes and a global logging interface while refactoring network diagnostics methods.

- Added custom error classes (NetworkError, TimeoutError) for network operations.
- Introduced a global logging interface to replace direct console logging.
- Updated CloudflareSpeed and SmartNetwork classes to use getLogger for improved error reporting.
- Disabled connection pooling in HTTP requests to prevent listener accumulation.

2025-04-28 - 3.0.4 - fix(ci/config)

Improve CI workflows, update project configuration, and clean up code formatting

- Added new Gitea workflow files (default_nottags.yaml and default_tags.yaml) to replace GitLab CI
- Updated package.json with new buildDocs script, revised homepage URL, bug tracking info, and pnpm overrides
- Refined code formatting in TypeScript files, including improved error handling in Cloudflare speed tests and consistent callback structure
- Enhanced tsconfig.json by adding baseUrl and paths for better module resolution
- Introduced readme.plan.md outlining future improvements and feature enhancements

2025-04-28 - 3.0.3 - fix(deps)

Update dependency namespaces and bump package versions in CI configuration and source imports

- Renamed dependency imports from '@pushrocks/...' to '@push.rocks/...' in package.json, test files, and source files
- Updated devDependencies versions and package references (e.g., tsbuild, tsrun, tstest, smartenv, tapbundle, smartpromise, smartstring, public-ip, and @types packages)
- Fixed CI command to install '@git.zone/tsdoc' instead of the misspelled '@gitzone/tsdoc'
- Updated commit info file to reflect the correct package namespace

2024-05-29 - 3.0.2 - misc

Various documentation, configuration, and organizational updates.

- Updated project description.
- Updated tsconfig configuration.
- Updated npmextra.json (ghost configuration) across multiple commits.
- Switched to a new organizational scheme.

2022-10-22 - 3.0.1 - core

Core fixes and maintenance applied.

- Fixed core issues.

2022-10-21 - 3.0.0 - core

Core updates and fixes.

- Fixed core issues.

2022-03-24 - 2.0.14 - core

Breaking changes introduced.

- BREAKING CHANGE: Switched core to an ECMAScript Modules (ESM) approach.

2022-02-16 - 2.0.13 - core

Core maintenance update.

- Fixed core issues.

2022-02-16 - 2.0.12 - core

Core maintenance update.

- Fixed core issues.

2022-02-16 - 2.0.11 - core

Core maintenance update.

- Fixed core issues.

2022-02-16 - 2.0.10 - core

Core maintenance update.

- Fixed core issues.

2021-04-29 - 2.0.9 - core

Core maintenance update.

- Fixed core issues.

2021-04-28 - 2.0.8 - core

Core maintenance update.

- Fixed core issues.

2021-04-28 - 2.0.7 - core

Core maintenance update.

- Fixed core issues.

2021-04-28 - 2.0.6 - core

Core maintenance update.

- Fixed core issues.

2021-04-28 - 2.0.5 - core

Core maintenance update.

- Fixed core issues.

2021-04-27 - 2.0.4 - core

Core maintenance update.

- Fixed core issues.

2021-04-13 - 2.0.3 - core

Core maintenance update.

- Fixed core issues.

2021-04-13 - 2.0.2 - core

Core maintenance update.

- Fixed core issues.

2021-04-13 - 2.0.1 - core

Core maintenance update.

- Fixed core issues.

2021-04-13 - 2.0.0 - core

Core maintenance update.

- Fixed core issues.

2021-04-13 - 1.1.22 - core

Breaking update in core functionality.

- BREAKING CHANGE: Updated core functionality.

2020-08-13 - 1.1.21 - core

Core maintenance update.

- Fixed core issues.

2020-08-13 - 1.1.20 - core

Core maintenance update.

- Fixed core issues.

2020-08-12 - 1.1.19 - core

Core maintenance update.

- Fixed core issues.

2020-08-12 - 1.1.18 - core

Core maintenance update.

- Fixed core issues.

2019-11-23 - 1.1.17 - minor

Release with no notable changes.

- No significant changes.

2019-11-23 - 1.1.16 - core

Core maintenance update.

- Fixed core issues.

2019-11-19 - 1.1.15 - security

Security enhancement.

- Added Snyk configuration for improved security.

2019-11-19 - 1.1.14 - dependencies

Dependency update.

- Updated dependencies.

2019-09-08 - 1.1.13 - core

Core maintenance update.

- Fixed core issues.

2019-09-08 - 1.1.12 - core

Core maintenance update.

- Fixed core issues.

2019-09-08 - 1.1.11 - core

Core maintenance update.

- Fixed core issues.

2019-09-08 - 1.1.10 - core

Core maintenance update.

- Fixed core issues.

2019-09-08 - 1.1.9 - core

Core maintenance update.

- Fixed core issues.

2019-09-06 - 1.1.8 - core

Core maintenance update.

- Fixed core issues.

2019-09-06 - 1.1.7 - core

Core maintenance update.

- Fixed core issues.

2019-09-06 - 1.1.6 - core

Core maintenance update.

- Fixed core issues.

2019-04-17 - 1.1.5 - core

Core maintenance update.

- Fixed core issues.

2019-04-17 - 1.1.4 - core

Core maintenance update.

- Fixed core issues.

2019-04-17 - 1.1.3 - core

Core maintenance update.

- Fixed core issues.

2019-04-17 - 1.1.2 - core

Core maintenance update.

- Fixed core issues.

2019-04-16 - 1.1.1 - core

Core maintenance update.

- Fixed core issues.

2019-04-16 - 1.1.0 - core

Core maintenance update.

- Fixed core issues.

2018-07-17 - 1.0.2 - feature

New feature added.

- Added port checking functionality.

2017-12-12 - 1.0.1 - initial

Initial commit.

- Initial project setup.
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