Releasing

Warning
This page is still in progress and may require refinement.

Versioning Scheme

The Unicis Platform uses Calendar Versioning (CalVer):

- Major/Minor releases: vYYYY-MM (e.g. v2026-05)
- Patch releases: vYYYY-MM-DD (e.g. v2026-05-12)

Release branches follow:

- version-YYYY-MM (e.g. version-2026-05)

Creating a Standard Release

- Ensure a version branch exists for the release family
  - Example: version-2026-05 for v2026-05
- Merge all commits intended for release into the version branch
- For backports, cherry-pick commits into the relevant version branch
- Push the branch to trigger CI validation (tests must pass)
- Update or generate release notes

Initial Release (First Patch or Monthly Release)

- Copy template:

```
%%docs/platform/unicis-platform-changelog/_template.md%%
```

```
to:
```

```
%%docs/platform/unicis-platform-changelog/v2026-05.md%%
```

- Replace placeholders with correct CalVer version:
  - xxxx.x → vYYYY-MM or vYYYY-MM-DD
- Fill in:
  - Breaking Changes
  - New Features
  - Remove sections if not applicable

Generate Commit List

```
git log --pretty=format:'- %s' version-2026-04...version-2026-05
```

- Replace version-2026-04 with previous release branch/tag
- Paste output into **Minor Changes** / **Fixes**

Generate Changelog

```
make gen-changelog
```

- Use output from changelog.md
- Remove:
    - Dependency-only PRs (unless security relevant)
    - website/ prefixed commits
- Keep only meaningful changes
- Sort alphabetically if needed

API Diff

```
make gen-diff
```

- Copy diff.md into **API Changes**

Website Update

- Update:

```
%%website/sidebars.js%%
```

- Add new release entry under current version family
- Move oldest release into **Previous Versions**

If release notes are prepared before release date, do NOT publish them until release is confirmed.

Build Website

```
make website
```

Subsequent Patch Releases

For patch releases within the same CalVer month (e.g. v2026-05-01, v2026-05-12):

- Add a new section in:

```
%%docs/platform/unicis-platform-changelog/v2026-05.md%%
```

Example:

```
## Fixed in v2026-05-12
```

Patch Release Steps

- Add commit list under new patch section

- Run:

```
make gen-changelog
make gen-diff
```

- Replace API Changes section
- Run:

```
make website
```

Version Tagging

```
git tag v2026-05-12
git push origin version-2026-05
git push --tags
```

Or:

```
bumpversion --new-version 2026-05.12 patch --verbose
```

Release Publication

- GitHub Actions:
  - Runs tests
  - Builds container images
  - Creates draft release
- Edit draft release:
  - Title format: Release v2026-05-12
  - Add changelog link
  - Add GitHub release link

Security Release

Security Versioning

Security releases use:

- vYYYY-MM-DD

Security Advisory Template

```
==== Summary ====

Short summary of the issue

==== Patches ====

Versions vYYYY-MM-DD fix this issue.
Workaround available for older versions.
```

```
==== Impact ====

Describe impact

==== Details ====

Technical explanation

==== Workarounds ====

If applicable

==== Contact ====

Security team contact email
```

Security Branch Workflow

- Create branch: security/CVE-YYYY-xxxx
- Implement fix with unit tests
- Update release notes
- Create file:

```
%%/website/docs/security/CVE-YYYY-xxxx.md%%
```

- Add to:

```
%%website/sidebars.js%%
```

Security Release Process

On release date:

- Merge security PR
- Cherry-pick into version branch
- Run:

```
bumpversion --new-version YYYY-MM-DD patch
```

- Publish release

Post-Release Communication

Mailing List

```
Subject: Security Release vYYYY-MM-DD

We are publishing a security fix (CVE-YYYY-xxxx).
Affected versions: ...
Fixed version: vYYYY-MM-DD
```

```
See: <link>
```

Discord

```
@everyone Security release published: CVE-YYYY-xxxx
Fixed version: vYYYY-MM-DD
Details: <link>
```

Links

- https://github.com/UnicisTeh/unicis-platform-ce
- https://gitlab.com/unicis/unicis-platform
- CalVer

From:
https://handbook.unicis.tech/ - **Unicis Handbook**

Permanent link:
https://handbook.unicis.tech/pub/development/release

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