

2025 Zarf Community Meeting Notes

Mailing List: [zarf-dev](#)

Meeting Time: Biweekly Wednesday @ 10 am PT/ 12:30 pm MT / 1:30 pm CT / 2:30 pm ET

Meeting Video Link: [HERE](#)

2024 Meeting Notes: [Zarf Community Meeting Notes](#)

MEETINGS: Log in to your [LFX Profile](#) and go to [MEETINGS](#) to see your upcoming and past meetings.

For help, contact support@openssf.org

Repo: <https://github.com/zarf-dev>

Docs: <https://docs.zarf.dev/>

Have a topic? Add it to the agenda for the date you are attending

Slack: [#zarf](#)

----- Begin Meeting Template -----

MM/DD/2025

- **Host:** HOST NAME
- **Attendees:**
 - ATTENDEE NAME (Org)
 -
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - ADD AGENDA ITEM
 - Time for open questions

----- End Meeting Template -----

10/28/2025

- **Host:** HOST NAME
- **Attendees:**
 - ATTENDEE NAME (Org)

- Kit Patella (Defense Unicorns)
- Austin Abro
- Mary Parsons (Defense Unicorns)
- Gordon Tillman (Radius Method)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - Gordon Tillman - radius method
 - Justin Smith - collibra
 - Just released this past weekend
 - Registry Proxy is merged
 - <https://github.com/zarf-dev/zarf/pull/3956>
 - mTLS support incoming for the registry/proxy
 -
 - Zarf Values & new templates are available in alpha
 - Beta features dev continues
 - Next API version ZEPs
 - 0048: schema upgrade process
 - 0051: v1beta1 schema
 - Package Signing Updates
 - <https://github.com/zarf-dev/zarf/issues/4289>
 -
 - GT: v0.58.0
 - Moving from ec2 runners to k8s runners
 - More security requirements
 - Can no longer pull image/charts from repo1
 - Internal Nexus
 - Can pull from nexus proxy for registry1 artifacts
 - Set manifest to the proxy location
 - Can use shas but not tags
 - What we tried
 - `zarf package create --confirm --registry-override registry1.dso.mil=<internal-nexus-host>`
 - `zarf init --confirm --registry-url <internal-nexus-url> --git-url <internal-gitlab-url>`
 - Thought we might need the init options because another observation was that the gitrepository resources for argo had a different hash than the ones generated for gitea
 - Use of registry overrides manifest = registry1 / override = nexus proxy
 - Zarf init
 - registry
 -
 - Time for open questions

- Next release Oct 30

10/14/2025

- **Host:** Brandt Keller (Defense Unicorns)
- **Attendees:**
 - ATTENDEE NAME (Org)
 - Kit Patella (Defense Unicorns)
 - Austin Abro (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - KP: Values alpha & beta updates
 - Parent issue for tracking: <https://github.com/zarf-dev/zarf/issues/3946>
 - Alpha branch: <https://github.com/zarf-dev/zarf/pull/4136>
 - BK: Package Signing Updates
 - Cosign
 - Released version v3.0.x
 - <https://github.com/sigstore/cosign/releases/tag/v3.0.1>
 - Bundle output is required
 - Support for trusted roots and referral API
 - Investigating what this means for future implementations (See keyless)
 - Package signing behavior - opt-in/opt-in
 - Proposing potential updates to package authorship
 - <https://github.com/zarf-dev/zarf/issues/4048>
 - Zarf Package verify
 - <https://github.com/zarf-dev/zarf/issues/4240>
 - This activity is not mutually exclusive
 - Keyless
 - Aligns to all of the above
 - Investigating trusted roots
 - JS: IPv6 updates, and if we have possible dates on potential release dates?
 - Ironbank images are used for other zarf init consumers
 - http://repo1.dso.mil/dsop/opensource/alpine/socat/socat/-/merge_requests/29
 - Image availability is the core blocker
 - TLS updates between proxy and registry
 - Solution to provide for migration paths

- Time for open questions

09/30/2025

- **Host:** Austin Abro
- **Attendees:**
 - Brandt Keller
 - Zach Miller
 - Justin Smith
 - Mary Parsons
 - Kit Patella
 - Wayne Starr
 - Steven Gettys
 - Landon Patmore
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - Welcome TrueFullstaq as an adopter
 - [feat: labeling all resources created by a zarf package #4194](#)
 - Zarf values + new templates
 - <https://github.com/zarf-dev/zarf/pull/4136>
 - Values ZEP:
<https://github.com/zarf-dev/proposals/tree/main/0021-zarf-values>
 - Package signing investigations
 - ZEP - cosignopts for image verification
 - <https://github.com/zarf-dev/proposals/pull/40>
 - Sigstore bundle format
 - <https://docs.sigstore.dev/about/bundle/>
 - New format: <https://github.com/sigstore/cosign/pull/4316>
 - Wayne to investigate bundles applicability for image signing, Brandt to investigate package signing
 - ADD AGENDA ITEM
 - Time for open questions
 - JS: Ipv6 Support
 - AA: nearing review finalization.
 - mtls added
 - migrating current cluster to registry proxy
 - Vincent shoutout
 - SG: FIPS & Zarf
 - FIPS: Federal Information Processing Standards
 - Main focus for zarf is on tls configuration - standard go http configuration is not compatible with FIPS enforcement.

- Go can now compile a fips compliant crypto library and enforce validation of non-fips-compliant traffic.
 - <https://go.dev/blog/fips140>
 - Challenge is: managing downstream clients becomes tricky even if we address this inside of Zarf. (if we strictly enforce FIPS that can break non-fips-compliant clients in the ecosystem)
- Best solution is probably shipping both a strictly FIPS compliant Zarf, and current.
- BK: Need to assess where the hurdles are. What's fixable and reasonable to maintain, vs what isn't.
- SG: More discovery needed.
 - Can't just activate the compile flag. fips140 support is still early
- Nightlies!
 - These builds exist! Docs needed
 - See releases: <https://github.com/zarf-dev/zarf/releases/tag/nightly>

09/16/2025

- **Host:** Brandt Keller
- **Attendees:**
 - Kit Patella
 - Mary Parsons (Defense Unicorns)
 - Lior Kesos (Linnovate)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - Say hi at KCD D.C!
 - Road to v1.0.0
 - Zarf Values alpha WIP, preview soon:
 - Track here: <https://github.com/zarf-dev/zarf/pull/4136>
 - Registry proxy / ipv6
 - PR in review: <https://github.com/zarf-dev/zarf/pull/3956>
 - Anything more on Pkg Create Image Verification - <https://github.com/zarf-dev/proposals/pull/40>?
 - Lior:
 - Q: removable media as a mechanism for spinning up a registry
 - Removable media = a piece of compute? No this is external storage
 - A: possible to serve this yourself
 - Q: Is the cosign implementation native?

- A: Yes, today package signing exists for signing a package
 - Q: what is the structure of checksums within the package
 - A: checksums.txt serves as the list of checksums for internal files
 - The checksums.txt file is then checksummed
- Steven: package status issue
 - <https://github.com/zarf-dev/zarf/issues/4182>
- Steven: putting a label on all resources created by zarf
 - <https://github.com/zarf-dev/zarf/issues/3625>
- Time for open questions

09/02/2025

- **Host:** Kit Patella
- **Attendees:**
 - Mary Parsons (Defense Unicorns)
 - Wayne Starr (Defense Unicorns)
 - Russell Builta (Collibra)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - FYI: It's vacation season for the Zarf team
 - Last week was quiet especially - we'll be ramping back up
 - Patch v0.61.1 is releasing soon, which will revert helm back to v3.18.4.
 - This fixes a regression in schema checking. It affects a lot of different projects not just us.
 - ZEP-0021 Values implementation is in progress
 - Proof of concept PR is available here
<https://github.com/zarf-dev/zarf/pull/4136>
 - Input dataflow and schema update are done*
 - Templating and helm override mapping is next
 - Deprecating variables probably won't happen anytime soon
 - The big design question for v1.0 is how to merge variables and values together into one cohesive feature.
 - WS: Go through current usecase with Variables
 - Interactive usecases and pattern validation are unique to variables
 - Typing variables, update type
 - Match what helm expects for go template types
 - Time for open questions
 - WS: Checking in on
 - ZEP-0038 Image Signature verification
 - <https://github.com/zarf-dev/proposals/pull/40/files>

08/19/2025

- **Host:** Austin Abro (Defense Unicorns)
- **Attendees:**
 - Brandt Keller (Zarf / Defense Unicorns)
 - Christopher Jackson (Collibra)
 - Wayne Starr (Defense Unicorns)
 - Nick Adkins (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - <https://github.com/zarf-dev/zarf-injector>
 - New repository for isolating dev/test/release of the injector
 - Brandt: V1.0.0 release planning [re-started](#)
 - Drafting the initial plan - need to establish scope
 - All documentation and projects are publicly available
 - Welcome Boeing to [list of Adopters](#)
 - Please consider joining to help the project grow
 - Open PR [docs: data injections migration guide #4068](#)
 - Beginning to refine potential to deprecate data injections
 - Please provide use-cases not sufficiently covered by this guide
 - Future potential for new features to support airgap data packaging and delivery
 - cosignVerifyOpts vs imageVerification.cosignOpts
 - Seeking feedback on [ZEP-0038](#)

08/05/2025

- **Host:** Kit Patella (Defense Unicorns)
- **Attendees:**
 - ATTENDEE NAME (Org)
 - Wayne Starr (Defense Unicorns)
 - Russell Builta (Collibra)
 - Nick Adkins (Defense Unicorns)
 - Mary Parsons (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - KP: roundup of v1.0.0 in-flight work
 - Nightly builds
 - <https://github.com/zarf-dev/zarf/pull/4035>

- Feedback welcome!
- ZEP-033 registry proxy
 - <https://github.com/zarf-dev/proposals/issues/33>
 - <https://github.com/zarf-dev/proposals/pull/37>
 - Currently exploring changes to the injector to accommodate the new registry proxy
- ZEP-035 Feature Flags
 - <https://github.com/zarf-dev/proposals/issues/35>
 - <https://github.com/zarf-dev/proposals/pull/41>
- IPv6 status update
- Library additions?
 - (<https://github.com/zarf-dev/zarf/blob/b1a1189acac53b1223e900db88d121013ccac7b7/src/pkg/cluster/tunnel.go#L276>)
 - When applying Zarf as a library, want to proxy things into the internal registry.
 - Zarf uses the above function to convert internal and external urls to serviceinfo.
- Find Zarf & Austin Abro at KCD DC 2025 - 9/16/2025
 - [Session Link](#)
- ADD AGENDA ITEM
- Time for open questions
 - AA: bump Cosign ZEP

07/22/2025

- **Host: Brandt Keller (Zarf / Defense Unicorns)**
- **Attendees:**
 - ATTENDEE NAME (Org)
 - Austin Abro (Defense Unicorns)
 - Brandt Keller (Defense Unicorns)
 - Wayne Starr (Defense Unicorns)
 - Danny Gershman (Radius Method)
- **Agenda:**
 - Work In-Progress
 - Proposals
 - Registry Proxy
 - Enable distro support for the init workflow
 - Nftables support
 - <https://github.com/zarf-dev/proposals/pull/37>
 - Feature Flags
 - CosignOpts
 - Currently supports signing packages and bringing verification to the airgap

- Potential gaps on a created package bringing artifacts to the airgap that violate the signature verification
- This enables signature verification on package create
- Use build metadata to track verification
- Revisiting Principles
- Zarf dev lint on a skeleton package
- Bugs or improvements needed
 - Packager2 migration
 - Filters are potentially tripping people up
 - Feedback for how we continue to handle breaking changes going forward
- Resource-less package deploy
 - Alignment of YOLO/Mirror-resources
 - Use of filters
-

07/08/2025

- **Host:** Austin Abro
- **Attendees:**
 - ATTENDEE NAME (Org)
 - Austin Abro (Defense Unicorns)
 - Brandt Keller (Defense Unicorns)
 - Kit Patella (Defense Unicorns)
 - Nick Adkins (Defense Unicorns)
 - Justin Smith (Collibra)
 -
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - ZEP-0032: support ipv6 status and next steps
 - AA: Registry proxy flag currently being explored
 - Looking like alpha version in Q3
 - AA: Image and package pull and push progress updates
 - Every 5 seconds we'll have log updates
 - <https://github.com/zarf-dev/zarf/pull/3904>
 - BK: One release in for namespace overrides
 - Looking for feedback and opinions on current iteration and any unexpected edge cases
 - AA: Doc hooks for namespace overrides?
 - BK: Docs on how to apply the new feature. Demo videos
 - KP: Potential best practices article for namespaces
 - AA: K8s blog, Zarf in practice blog.

- Potential for a Namespace overrides examples
- KP: Feature flagging proposal available soon, feedback welcome

06/24/2025

- **Host:** Kit Patella
- **Attendees:**
 - ATTENDEE NAME (Org)
 - Lior Kesos (Linnovate)
 - Kit Patella (Defense Unicorns)
 - Austin Abro (Defense Unicorns)
 - Mary Parsons (Defense Unicorns)
 - Richard Kaufman (Defense Unicorns)
 - Nick Adkins (Defense Unicorns)
 - Russell Builtta (Collibra)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - New Packager SDK is generally available!
 - KP: The team is taking a look at Zarf v1.0 again
 - KP: [ZEP-0021](#) Values proposal pre-alpha experiments are starting
 - Update soon when an alpha version is available
 - KP: ZEP-0035 feature flags WIP
 - Proposal tracking issue: <https://github.com/zarf-dev/proposals/issues/35>
 - NA: ZEP-0017 Namespace Overrides is implemented with <https://github.com/zarf-dev/zarf/pull/3889>
 - RB: Checking in about ipv6 ZEP
 - AA: A few review cycles, will take another look at it soon
 - ADD AGENDA ITEM

06/10/2025

- **Host:** Brandt Keller
- **Attendees:**
 - Brandt Keller (Defense Unicorns)
 - Kit Patella (Defense Unicorns)
 - Lior Kesos (Linnovate)
 - Austin Abro (Defense Unicorns)
 - Wayne Starr (Defense Unicorns)
- **Agenda:**

- [Linux Foundation Antitrust Policy](#)
- [OpenSSF Code of Conduct](#)
- Welcome new attendees
- AA: Packager2 release  wahoo 
 - Harden the API and make zarf easier to use as an SDK
 - Improve unit testing
 - Demo of the API changes
 - Toured a few of the packager operations (Deploy, Lint, Publish, etc)
 - CLI is a great source of usage examples for the new SDK
 - New packager api will be available this coming release
- BK: Open Source summit and community days upcoming.
 - Will be at Zarf booth at summit
- BK: Package namespace work in progress, there is an open PR.
 - Allows users to deploy a single namespaces package to a different namespace
 - Multi-namespaces not yet supported
 - Take a look at and provide feedback
 - Let us know if there's any edge cases we haven't considered yet
 - Support for namespace override flag: <https://github.com/zarf-dev/zarf/pull/3889>
 - Proposal available here: [ZEP-0017](#)
- Any thoughts on ZEP or next steps for IPv6
 - <https://github.com/zarf-dev/proposals/blob/674ed9e1afec3ecef5f634c8f990971b4e2bba8a/0022-support-ipv6/README.md>
 - Looking for review
 - Zarf team will provide comments when it is out of draft
 - KP: Add Austin Abro as reviewer
- LK: Some questions regarding if zarf has been used to deploy various scenarios like
 - directly applying something on a VM
 - Somehow applying an artifact on windows based edge devices (yuck!)
 - Examples of deploying not on a k3d uds like environment but instead to hardened openshift or rancher rke2 based clusters
 - And finally - where do i get swag?
 - AA & NA: we'll find some for you
 - WS: Historically, we've experimented with non-k8s os-level support, like using windows
 - K3d package way back when that deployed directly on windows, drops binaries and applies configuration
 - <http://github.com/racer159/zarf-package-k3d>
 - LK: Can we reapply Zarf's package creation and deployment model to openshift?
 - E.g. OCI compliant registry

- WS: eks, aks, rk2 all supported,
 - openshift has some issues {in its networking model.}
 - An external registry can be used to work around the issues in openshift
- AA: Making Zarf support with more cluster providers is a project goal, current limitations with existing networking model. In progress

◦

05/27/2025

- **Host:** Kit Patella
- **Attendees:**
 - Kit Patella (Defense Unicorns)
 - Austin Abro (Defense Unicorns)
 - Wayne Starr (Defense Unicorns)
 -
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - KP: Archiver CVE fixes
 - rounding bug issues, hope to have fixes out asap
 - <https://github.com/zarf-dev/zarf/issues/3860>
 - <https://github.com/zarf-dev/zarf/issues/3862>
 - Image signature validation on package create
 - <https://github.com/zarf-dev/zarf/issues/2257>
 -
 - Status on PR: <https://github.com/zarf-dev/zarf/pull/3750>
 - ZEP for addressing different nodeport behavior across distros

05/13/2025

- **Host:** Brandt Keller (Zarf / Defense Unicorns)
- **Attendees:**
 - ATTENDEE NAME (Org)
 - Wayne Starr (Defense Unicorns)
 - Antonio Escalera (Defense Unicorns)
 - Nick Adkins (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees

- Awesome-zarf & the future of examples
 - Issue [#3793](#)
 - [Awesome-zarf](#)
 - Other opportunities
 - Renovate integration and zarf package updates
 -
- [Go-releaser Pro Updates](#)

04/29/2025 (29/04/2025)

- **Host:** HOST NAME
- **Attendees:**
 - ATTENDEE NAME (Org)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - ZEP-0021 updates
 - Values
 - New values key top of zarf package
 - -f –values on deployments and removals
 - Map those values into helm charts and actions
 - Do we support go-templates in actions
 - Potential Misuse
 - Command injection
 - Obfuscation of resources
 - Templating flag or key
 - Turning off templating as appropriate per-file
 - Ensuring design considerations support key/value list
 - ZEP-0017 updates
 - Focus: single namespace overrides
 - –namespace would do a pre-validation to check for release namespace to ensure it is a single namespace otherwise it would fail if multi-namespace
 - Leaves multi-namespace for future discussions
 - State Management
 - Add namespace to the secret that is stored
 - Document happy path and known constraints
 - ZEP-0026 purpose
 - Work-in-progress
 - Not only describing resources but also deployment lifecycle
 - Track history of a package
 - Track resources to a package
 - Looking into more complex behaviors of two deployments of the same package to the same cluster

- Implications of this change and the potential for resources to be orphaned
- Archiver updates WIP
 - Addresses a High vulnerability in the current dependency
 - Exploratory PR [#3732](#)
 - KP: SDK utility requested from the community
 - KP: Resolving the dependency Vulnerability -> **CVE-2025-3445**
 - First pr should provide a paved road to address the lower severity cve over time

04/15/2025 (15/04/2025)

- **Host:** Brandt Keller (Zarf, Defense Unicorns)
- **Attendees:**
 - Mary Parsons
 - Kit Patella
 - Nicholas Adkins
 - Maciej Szulik (Defense Unicorns)
 - Wayne Starr
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - Build metadata
 - Anonymize vs Remove
 - Timestamp was used
 - user/terminal (original problem statement) - used to delineate which environment the package was created
 - Are there other fields that would need consideration?
 - Current Stance: keep and provide a flag
 - Considerations for reproducible builds
 - [ZEP-0021: Zarf Values #22](#)
 - Closing in on near finalizing
 - Should be ready for final review/merge shortly
 - Improving UX and the configuration capability
 - Open Question: for files and manifests - which may have go templates in them already - there may be backwards compatibility issues. Couple potential options (that should be captured in the ZEP)
 - [ZEP-0017: Chart Namespace Overrides](#)
 - Related issue has received general support
 - “How to differentiate packages from each other if we deploy twice?”
 - Consideration: zarf state implications
 - Alternative:

- Lean into variable templating and address state problem for package name collision
 - Potential opportunities to decouple the namespace override capability from zarf state improvements and ensure they can co-exist.
- Next Steps
 - re-evaluate
- [Zarf Principles](#)
- Next release
 - Zarf package inspect manifests <package>
 - Zarf dev inspect manifests <definition>

04/01/2025 (01/04/2025)

- **Host:** Austin Abro
- **Attendees:**
 - Kit Patella (Zarf, Defense Unicorns)
 - Austin Abro (Zarf, Defense Unicorns)
 - Wayne Starr (Defense Unicorns)
 - Gabe Scarberry (Defense Unicorns)
 - Steven Gettys (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - [Crane -> ORAS](#) merged!
 - Breaking: V1 docker images no longer supported. Removed by docker in 2019
 - AA: Parallel pull has been removed to avoid reliability issues
 - Parallel push now defaults to 6 layers at a time, tunable with `--oci-concurrency=""`
 - Attempt HTTPS first, fallback to HTTP
 - WS: [ZEP-0021: Zarf Values #22](#)
 - Proposal replaces ZEP-0015. Original proposal converts variables type from `string` to `any`
 - 0021 proposes adding zarf values, similar to helm values, parallel implementation to zarf variables but covers many of the same usecases.
 - Add `values.files` field
 - Map into charts and
 - Values.key and values.path, subkey names under discussion
 - Introduce go templating for actions
 - templating syntax under discussion

- Risks documented in 0021
 - AA: global values specified and mapped at the chart level
 - Only yaml for the values files
- Go templating for namespaces in zarf packages
 - Main usecase: need to be able to use the same declarative artifact in multiple locations.
 - Dev, Test, prod, etc. consistency
 - *And* deploy to same cluster.
 - E.g. dev and test in the same cluster.
 - Workflow optimization for multiple teams working in the same cluster
 - Maintain state/secrets on side by side deploy w/o overwrite
 - AA: validation for quick user feedback is key. Fail on create with useful error messages.
 - Documentation on expected behavior is also key
- Open questions
- SG: zarf post renderer label all resources. Helm resources are in scope, apply labels to resources so they can be queried and traced.
 - AA: Start with issue, ZEP isn't needed
 - Very similar implementation in post-renderer between `packager2` and `packager`
 - EDIT: [Add zarf label to all resources created by a package deploy · Issue #3625](#)

03/18/2025 (18/03/2025)

- **Host:** Austin Abro
- **Attendees:**
 - Brandt Keller (Zarf, Defense Unicorns)
 - Austin Abro (Zarf, Defense Unicorns)
 - Mary Parsons (Defense Unicorns)
 - Maciej Szulik (Zarf, Defense Unicorns)
 - Russell Builta
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - [ZEP-0017: Chart Namespace Overrides](#)
 - Several open questions around the override schema needs to be resolved
 - [ZEP-0019: Refactor Image operations](#)
 - Switching from Crane to ORAS;
 - Goal: increased reliability, fixed long-standing bugs;
 -

- Russel: IPV6 - <https://github.com/zarf-dev/zarf/issues/3455>
 - What is the timeline for this issue?

03/04/2025 (04/03/2025)

- **Host:** Brandt Keller
- **Attendees:**
 - Brandt Keller (Zarf, Defense Unicorns)
 - Austin Abro (Zarf, Defense Unicorns)
 - Maciej Szulik (Zarf, Defense Unicorns)
 - Kit Patella (Zarf, Defense Unicorns)
 - Steven Gettys (Defense Unicorns)
 - Wayne Starr (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - AA: [ZEP-0015](#) merged and good to go, team is getting started on it soon
 - SG: Pull Request opened for deployedComponentStatus
 - <https://github.com/zarf-dev/zarf/pull/3556>
 - Working on testing
 - Maintainers will review
 - Dependency injection would make unit tests more feasible, e2e test might be required
 - AA: Component Webhooks context for removal in the PR referenced in 3556 PR issue
 - WS: Creation of a new ZEP: “how might you know what resources a package has deployed in the cluster”
 - Thinking about post-install
 - Helm labeling lookup
 - KP: “zarf cluster inspect”
 - Calculating release namespace for generated charts would need to be duplicated
 - JP: Use of more of the high-level zarf
 - Package Pull - can specify the location but outputs could be improved
 - Original Packager deprecation
 - <https://github.com/zarf-dev/zarf/issues/3499>
 - KP: Deprecate legacy logging
 - Target v0.50.0 (following the next release)
 - Likely a patch release this week (v0.49.1)

02/18/2025 (18/02/2025)

- **Host:** Austin Abro
- **Attendees:**
 - Kit Patella (Defense Unicorns)
 - Brandt Keller (Defense Unicorns)
 - Austin Abro (Defense Unicorns)
 - Kyle Gallagher
 - Allen C
 - Mary Parsons (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - Config file formats other than TOML and YAML are set to be deprecated
 - AA: Viper supports a ton of different config files. HCL, .ini, json
 - .toml and .yaml are the main formats at large. Keep it simple, deprecate other formats.
 - ZEPs in progress
 - #15 value style variables is good to go
 - #17 namespace overrides highly requested, in flight
 - Legacy logs will be removed in two releases
 - Currently deprecated, will still be present in this release (v0.49.0?)
 - Removed in v0.50.0 (or v0.49.0 if we patch release this week)
 - Open questions time
 - Feel free to reach out in Openssf slack #zarf and k8s #zarf if you have any questions before the next community meeting
 - AA: Shoutout Allen

02/05/2025 (05/02/2025)

- **Host:** HOST NAME
- **Attendees:**
 - Austin Abro (Defense Unicorns)
 - Mary Parsons (Defense Unicorns)
 - Blair Bowden (Radius Method)
 - Kit Patella (Defense Unicorns)
 -
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - [ZEP-0017: Chart Namespace Overrides #18](#)

- WS: Deploy zarf pkg multiple times.
 - Ex gitlab runner, 3 different resource sets, maybe different tags.
 - Supporting that in zarf now requires a lot of forethought and fragile configuration. E.g. do it with 3 different zarf packages
 - Experiment in UDS to override the namespace, to deploy the same pkg with several different params
- AA: There is clear community need for this
 - How does this interact with manifests? (important for community)
 - WS: UDS worked this problem as charts, not manifests.
 - One challenge is that manifests aren't named (maybe key off index?)
 - AA: Start iterating without manifests, look to have them for the full release
 - Talk through expected prod workflows and use cases
 - WS: some charts can deploy to multiple namespaces
 - Downstream, helm would forget about the old chart and overwrite the release name and namespace (KP: may have misheard)
 - Release namespace for the chart is the critical change
- MS: "Why do we want to treat namespaces specially compared to other variables?"
 - WS: a few different options, helm-focused, uds-cli form, zarf-variable-like
 - Generated prefixes or suffixes are an open question
- **ZEP-0015: Helm Value Style Variable Interfaces #16**
 - WS: This is already a feature in zarf, put variables into specific paths in helm charts.
 - Mapping helm values to zarf variables
 - Currently untyped, strings only
 - Introduce types
 - Current limitations: Yaml only, ..
 - Viper doesn't support case sensitivity in config files.
 - Requires a specific implementation, introduces some inconsistencies
 - AA: Requests to include how it affects defaults in yaml & ...
 - Should zarf team consider alternatives to Viper - is viper limiting us here?
 - MS: Validation is keyed to string only, introducing any creates a lot of complexity, potential issues, like code injection
 - Fuzzing tests appropriate here. Strictly fail in most every case.
 - Accept a limited range of inputs (arrays, sets, basic types, etc.)
 - WS: Helm validations are prior work we can learn from and reapply.
- **ZEP-0013: Improve Package Publish UX #14**

- AA: Users in zarf often try to publish a package and accidentally publish a skeleton package (e.g. a metadata pkg, not a tar file)
 - Valuable for custom init pkgs
 - Introduce a lot of complexity for what they offer
- Proposal sections out a directory for skeleton packages
 - We don't want to promote these for users too much. Long term there's room to provide a better feature here for custom inits
- WS: Do we want to prioritize custom init packages over sectioning out skeleton pkgs?
- MS: seconding wayne, warn users about deprecations, link to docs explaining.
- Zarf uses skeleton internally for init
- MS: should we extract Viper migration to a different zep?
 - AA: Reasonable, deprecating .ini and .json ?
- Open questions time
 - RB: questions about deploying zarf in an ipv6 environment. Gov mandate to comply with ipv6 only by end of FY2025 (S***
 - AC: C32 mutations
 - <https://github.com/zarf-dev/zarf/issues/3435>
 - The way that Fluxcd (specifically helm) mutates the .. resource, adding a c32 (kind of checksum) helm version is in the chart so it shouldn't be mutable – helm fails validation.
 - Suggested MVP workaround using an annotation to tell zarf not to add checksum
 - AA: There's a few options to evaluate – does a SHASum work?
 - AC: Using helm repo instead of oci repo alleviates the issue.
 - Flux pov oci is more efficient in large environments
 - AA: Options, impl. fix to the oci object, or disable crc hashing (confusing for users.)
- ADMIN: Moving the meeting to another day

01/22/2025 (22/01/2025)

- **Host:** HOST NAME
- **Attendees:**
 - Austin Abro (Defense Unicorns)
 - Mary Parsons (Defense Unicorns)
 - Blair Bowden (Radius Method)
 - Phillip Laine (Defense Unicorns)
 - Kit Patella (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)

- Welcome new attendees
- Austin - Which cobra commands should we export. All cobra commands, only the root command, or no cobra commands?
- Logging rework happening this release (thursday) 0.47.0
- zarf package inspect impl discussion
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- ADD AGENDA ITEM

1/08/2025 (08/01/2025)

- **Host:** Sarah Christoff
- **Attendees:**
 - Austin Abro
 - Sarah Christoff
 - Kit Patella (Defense Unicorns)
 - Mary Parsons
 - Philip Laine (Defense Unicorns)
- **Agenda:**
 - [Linux Foundation Antitrust Policy](#)
 - [OpenSSF Code of Conduct](#)
 - Welcome new attendees
 - Triaging - coming soon! Expect more communication about it
 - Some issue automation is coming
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