

Transfer Bundle

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Discussion

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Discussion

The [Crucible Concept of Operations, Version 1.0](#) establishes the [Transfer Bundle](#) as the package produced within a [Connected Environment](#) for controlled transfer and subsequent import into a [Disconnected Environment](#).

A Transfer Bundle is a controlled package of [Artifacts](#), [Dependencies](#), records, manifests, integrity information, and supporting [Evidence](#) prepared for transfer between environments.

The Transfer Bundle may contain:

- Installation media
- Software packages
- [Machine Images](#)
- [Container Images](#)
- Provider packages
- Infrastructure source content
- Compliance Artifacts
- Configuration
- Records
- Manifests
- Integrity information
- Supporting Evidence
- A [Dependency Manifest](#)

A Transfer Bundle facilitates controlled movement across an organizational, network, security, jurisdictional, or [Air Gap](#) boundary while preserving the identity, integrity, organization, and [Provenance](#) of its contents.

Within [Crucible](#), a Transfer Bundle may contain captured content from a [Dependency Store](#) for import into a Disconnected Environment.

The same Transfer Bundle retains its identity through:

- Creation
- Transfer
- Receipt
- Integrity verification

- Import

The terms **artifact export package** and **artifact import package** describe the Transfer Bundle from the perspective of its creation or import. They do not identify separate package types unless the controlling architecture explicitly defines different structures or identities.

Definition

controlled package of [Artifacts](#), [Dependencies](#), records, manifests, integrity information, and supporting [Evidence](#) prepared for transfer between environments

Source

[Crucible Concept of Operations, Version 1.0](#), Sections 3.3 and 3.4.

The Crucible Concept of Operations introduces the Transfer Bundle as the package produced within a Connected Environment and imported into a Disconnected Environment. The ConOps also associates Dependencies, compliance findings, and supporting information with the Transfer Bundle.

This definition generalizes the ConOps concept using established secure-transfer, disconnected-operation, archive-packaging, software-supply-chain, and configuration-management practices.

Note

A Transfer Bundle may use:

- A compressed archive
- Removable media
- An object package
- A repository export
- Another controlled representation

Packaging content into a Transfer Bundle does not by itself constitute [Transfer Authorization](#).

Applicable review, approval, inspection, release, transfer, integrity-verification, and import processes govern movement across the applicable [Transfer Boundary](#).

[Transfer Bundle Integrity](#) governs the completeness of the Transfer Bundle and the protection of its contents from unauthorized addition, removal, or modification.

The Transfer Bundle may contain Artifacts that require separate approval, promotion, validation, or authorization before deployment or operational use.

Example

[Crucible](#) packages operating-system packages, installation media, Container Images, infrastructure repositories, compliance Evidence, integrity values, and a Dependency Manifest into one Transfer Bundle for controlled transfer and import into an [Air-Gapped Environment](#).

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