Air-gapped Installation with Anaconda Server

Completely offline repositories where there is no inbound or outbound internet connection are called air-gapped repositories. Many highly regulated industries, such as Government and Financial Services, use this type of repository hosting to secure their open-source software (OSS) as air-gapped repositories virtually have no attack surface to speak of.

By downloading conda package and repository metadata from Anaconda's repositories onto an internet connected desktop or server, then manually and physically transporting the repository, organizations can locally host a completely offline OSS repository that is enriched with Anaconda provided metadata.

In addition to security, mirroring your repository creates a stable environment for your organization. A mirrored repository is a "point in time" copy, meaning all users accessing the repository will be accessing the same version of packages, ensuring consistency and compatibility across your organization.
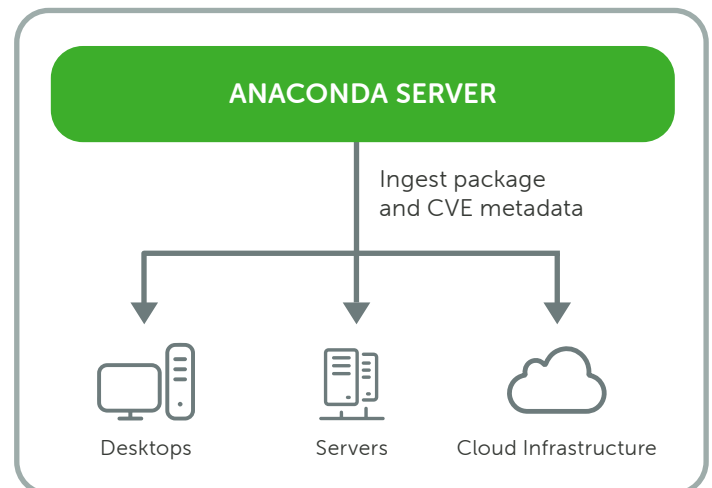
ANACONDA PROFESSIONAL REPOSITORY

- CONDA FILES
- CONDA CVE METADATA

Download tarball

Internet Connected Machine

Physical migration

Air-gapped network with no internet access

ANACONDA SERVER

Ingest package and CVE metadata

Desktops   Servers   Cloud Infrastructure