

2. Source control strategy

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└ 2.3.2 Configure feeds/views for packages

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1. What is a feed in Azure Artifacts, and what is its purpose?

A feed in *Azure Artifacts* is a repository for storing and sharing packages (e.g., NuGet, npm, Maven) within your organization or projects. It enables versioned, centralized package management for CI/CD.

2. How do you create a feed in Azure Artifacts?

Navigate to *Azure DevOps* > *Artifacts* > *New Feed*, provide a name, set visibility (organization or project), configure permissions, and create the feed.

3. What are views in Azure Artifacts, and why are they used?

Views are logical partitions within a feed used to separate packages by quality or environment (e.g., development, prerelease, release). They help control which package versions are available for different stages of the pipeline.

4. How do you create and manage views in Azure Artifacts?

By default, feeds include predefined views (@local, @prerelease, @release). You can create custom views in the feed settings and manage them by promoting or filtering packages.

5. How do you promote a package to a different view?

In *Azure DevOps*, go to *Artifacts* > *Feed* > *Packages*, select a package version, choose Promote, and select the target view (e.g., promote from @prerelease to @release).

6. How do you configure a package manager to use a specific feed or view?

Update your package manager config (e.g., `nuget.config`, `.npmrc`) with the feed URL and append the view (e.g., `https://pkgs.dev.azure.com/org/project/_packaging/feed/view/npm/registry/`). Authenticate as required.

7. How do you control access to feeds and views?

Manage access using *Azure DevOps* security groups and feed permissions. Grant users or pipelines access at the feed or view level with roles like Reader, Contributor, or Owner.

8. What are the default views in Azure Artifacts and their typical use?

- @local (default, all packages)
- @prerelease (pre-production/testing)
- @release (production-approved)

Use these to stage packages through different lifecycle phases.

9. How can you connect external sources (e.g., NuGet.org) to your feed?

Add upstream sources in feed settings to cache packages from public repositories like NuGet.org or npmjs.com, making them available in your feed.

10. How do you clean up or delete feeds and views?

To delete a feed, go to *Azure DevOps > Artifacts > Manage Feeds*, select the feed, and choose Delete. Views can be managed or deleted from feed settings if not default views; packages can also be deleted or unlisted as needed.