

Build

When software is being built the best way to keep track of it is versions. Each version will either be slightly or drastically different from the previous version. This is quite imperative as there are many changes to the application. We need to know if developers have made any changes to the app to test further. Code changes can cause behavioral changes in the software.

Testing the same build multiple times will cause redundancy with the same code and behavior. Make sure to communicate with those pushing out changes and be aware of the build number to identify it.

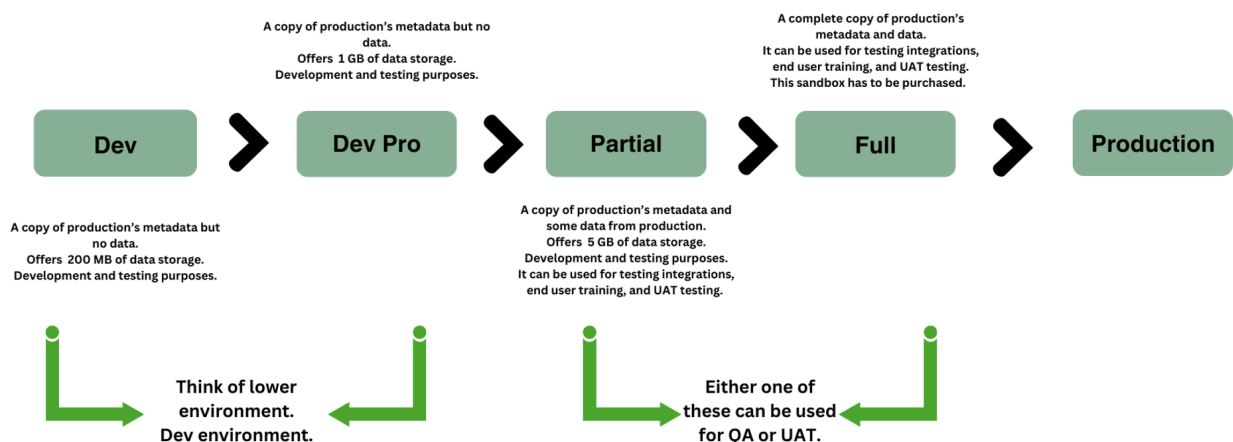
Release

This coincides with the build. Once a build is finished it is released into an environment. These environments can consist of many Dev, QA, Pre-production, and Production.

Overall a release refers to features being deployed into production.

In Salesforce there is something called sandboxes which are environments where a professional can create and test features.

Oftentimes when technical build-out are being implemented like flow automation, apex, or anything that involves heavy customizations. It will have a version number. Below are different sandboxes



Deploying Features

Organizations tend to have tools and someone who does deployments of a feature built. In Salesforce there is a native tool known as Changeset which allows Salesforce professionals to push features into environments like from Dev pro to partial sandbox or full sandbox.

There are tools like copado and gearset (which needs to be purchased).

Ultimately it is important to understand inbound and outbound changeset before initializing the changeset in salesforce.

Inbound changeset:

Is the environment the new/update features are going to.

Outbound changeset:

Is the environment the new/update features going out of.

Example:

From Dev pro sandbox (outbound) to Partial sandbox (inbound).