Getting started with Dataverse

Each ***environment*** is created under a Microsoft Entra ID tenant, and only users within that tenant can access its resources. An environment (Dataverse DB and resources created in that env) is also bound to a geographic location, like the United States. Can create more than 1 env (e.g., dev and prod).

Dev env - A Power Platform **admin** can create Developer environments for other users and can restrict users from creating their own Developer environments.

Creating env - once you create an environment with Dataverse in it, you can access that Dataverse data from other environments as well. Dataverse creation with an environment reserves up to 1 GB in storage.

Dataverse

Dev env

Dev env

Dataverse

Dataverse

Prod env

Prod env

Users & Roles - After you have created an environment, users from Microsoft Entra ID that are associated with your tenant and have a selected security role are automatically added to the environment.

\*We recommend that you create Microsoft Entra ID groups and associate roles with those security groups to simplify permissions and data access.

Notes: The two environment roles that are built into **every** environment are System Administrator and Environment Maker. All other roles are user security roles.

Following **operation** can be done on the Environment:

Change env type – prod to sandbox, sandbox to prod  
Delete env - to recover storage space and to remove personal data  
Recover env - within seven days of deletion  
Reset env – useful when we need to create new project or free up resources and personal data  
Copy env – there are two level of copy 1) Everything, and 2) Customizations and schemas only  
Restriction apply such as:  
- can only copy to an environment in the same tenant and region  
- can’t copy to prod env  
- copy and restore operations can take up to 8 hours – 24 hours

Backup and Restore

System backup – with Dynamic enabled, it stored 28 days, if not, only 7 days

Manual backup – sandbox/dev for 7 days, prod with Dynamic is 28 days

Restoring env - To restore to a production environment, you must first change its type to sandbox.

Administration mode - is useful when you want to make operational changes and not have regular users affect your work, and not have your work affect end users (non-admins).