Environments

Each of these environments is important in the software development life cycle. Changes are tested and validated before they reach end-users in the Production environment, where stability and reliability are important.

Development Environment

This environment is dedicated to testing and development activities. It is where developers focus on developing new features, fixing bugs, and integrating changes. The Dev environment lets teams experiment without affecting the operational or production environment. It usually looks like the production environment, but it may not have the same performance or security settings. Production data should not be used in this environment.

Demo Environment

The Demo environment is used to show the software to clients or other stakeholders. It is used to test new features or updates to see how they will work in a production-like setting. This environment helps validate the functionality and usability of the software in a production-like setting. It can also be used for training or to get feedback from potential users.

Production Environment

The production environment is where the software or application is deployed and made available for actual use by end-users. It is the environment in which all operational activities take place. The Prod environment is highly secure and optimized for performance, and is closely monitored to ensure reliability and availability. Changes here have usually been tested in Dev and Demo environments to minimize the risk of downtime or issues affecting users.