



## TEST ENVIRONMENTS

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## Test Environments

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Considering the resources required to manually create an in-house testing environment capable of mirroring the complexities of a real-time environment, it's not surprising to hear of application managers adopting the risky approach of testing in production environments.

Even with the adoption of the Sarbanes-Oxley Act, along with other regulations that mandate restricted access to production systems, organizations across many industries are searching for more affordable ways to conduct testing in separate environments. As a result, it's becoming more commonplace for an organization to use sizing or extrapolation techniques during testing to understand how an application will behave in the real world—leaving room for potential problems after implementation.

A test environment provides a compliant and functional testing ground, where quality assurance tasks, like user acceptance and integration testing, and user training can be performed. The environment should include a copy of your production configuration and a subset of your production data. Any sensitive data, such as Social Security numbers, should be scrubbed from the testing environment. You should also refresh your data to ensure that the latest configuration and data are always relevant.

Additionally, your test environments should be isolated from your LeaseTeam production data, so operations that you perform in your test environment don't affect your production environment (and vice versa).

### Additional Benefits

Other advantages a test environment offers include:

- Deliver higher-quality releases to your users by testing applications end-to-end in a production-like environment.
- Identify failures or changes that may impact organizational workflow.
- Use test environments to document and rollout new processes for more reliable planning.
- Train internal staff from a controlled environment.
- Eliminate errors that come from faulty configurations.
- Help provide project status metrics (e.g., percentage of use case paths successfully tested).
- Speed up software release schedules by up to 25%, cut infrastructure costs by 5-10% and increase team productivity by up to 30%.

### For More Information

Give us a call at 402-493-3445 or send us an email at [info@leaseteam.com](mailto:info@leaseteam.com) to learn about LeaseTeam's Test Environment Management Services.