onelogin

SOLUTION BRIEF

OneLogin Enterprise Sandbox

Reduce change management errors using a secure testing environment

Key Benefits

- **Efficiency and agility in testing & development:** Manage the various demands of your testing and development cycles efficiently without worry of downtime.
- **Eliminate risks and technical errors:** Remove risks and technical errors during the developmental phase for a successful live roll-out with proper testing.
- **Confidence in implementation:** Perform all your major or minor tests and developments in a safe environment with the confidence they are functioning as expected.
- **Speed up delivery:** Test on your own safeguarded production data, copy over quickly and easily, and eliminate any production surprises.

Overview

Managing identity can be challenging and complex. On top of this, IT teams need to adopt innovative security features to keep corporate resources and data protected from cyber attacks, while also providing best-in-class experiences for all their users. An identity platform needs to respond to fast, frequent changes at the speed of the business, while supporting quick innovation. In order to succeed, IT Admins need the ability to test new capabilities and configurations without impacting daily operations or changing their existing infrastructure.

However, building a test environment from scratch by running code on a server or network that is not identical to production data, or pulling in non-isolated services, is not ideal. Plus, without proper testing, you are at risk of users getting locked out, or worse, exposing additional security vulnerabilities as a result of inappropriate access.

OneLogin Enterprise Sandbox

The OneLogin Enterprise Sandbox allows you to simplify change management and test new capabilities and configurations in a safe staging environment at scale before confidently deploying to production. With a single click of a button, the Enterprise Sandbox makes a copy of near-production data, including your apps, mappings, groups, policies, roles, users, and customer user fields–among other objects.

By using an isolated testing environment for your identity management needs, the Enterprise Sandbox allows you to simplify change management, prevent errors, and move development forward, so you can continue to deliver best-in class experiences for your workforce, customers, and partners.

Top Use Cases for OneLogin Enterprise Sandbox

The OneLogin Enterprise Sandbox can be used for a variety of use cases including:

- Test changes to mappings
- Test new features
- Test a gradual roll-out of features
- Conduct full-scale performance testing

Test changes to mappings

For IT Admins, a large part of identity management involves adding new mappings or changes to existing mappings. Mappings are a powerful method to automatically assign application access to users or roles based on conditional statements.

However, the proliferation of multiple mappings quickly adds more complexity to the process, thereby increasing the amount of time needed to configure different mappings every time a change is needed. Furthermore, mappings errors can result in unintended consequences like account lock out or users receiving higher permission levels to an application than what they need or is permitted by security and compliance requirements.

OneLogin's Enterprise Sandbox copies over your existing mappings, along with Users, Groups, and Roles, among other Objects, allowing you to verify changes or new mappings and test whether they have the intended effect before rolling out to your production environment.

Test new features

When new features are added to the UI, the Enterprise Sandbox provides an opportunity to understand how new functionality, when turned on, will impact end users. Many of our customers also use the Enterprise Sandbox to document and train users before a new change is rolled out to production.

Admins can configure a change set via APIs and test in the sandbox. This is best for testing a single, major change, to see how it will impact end users.

With an isolated sandbox environment for testing, you can deploy new, innovative security features without the fear of locking users out. Testing in a safe, isolated environment reduces technical errors and ensures your production environment remains active and operational for users during testing.

"It's priceless to gain an environment that fits our modern model of development, test, and production. It helps us to deploy new changes with confidence."

ROB WILLIAMS | Director of Global Technology Operations, Herman Miller

Test a gradual roll-out of features

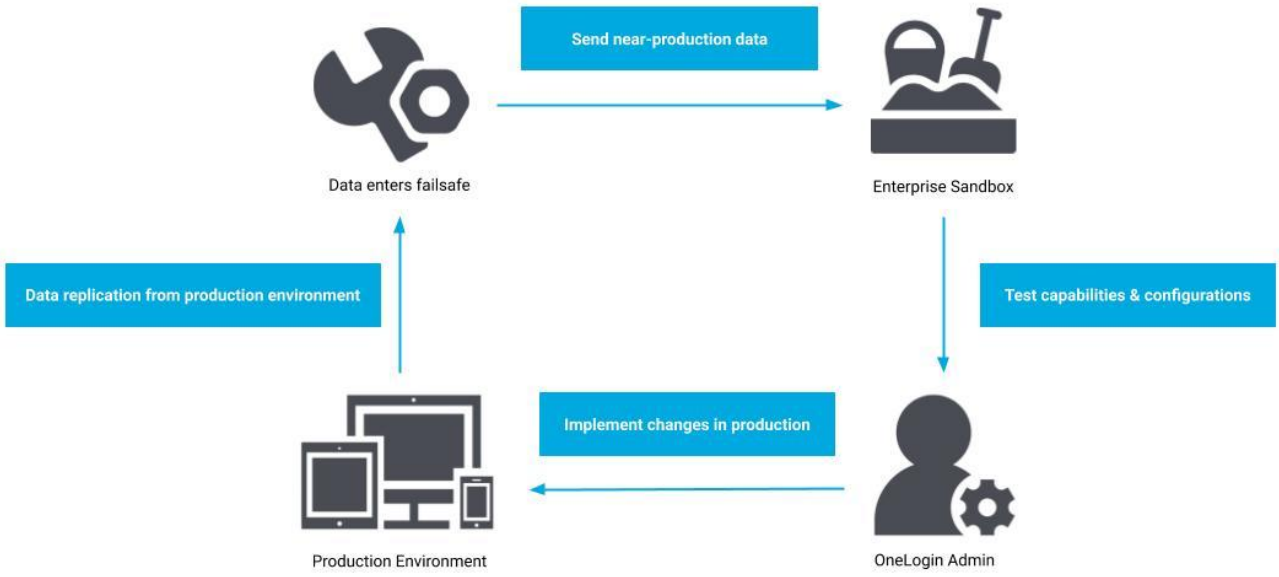
Another relevant use case for the Enterprise Sandbox is testing a gradual roll out of features, especially those that take some time to adjust to for users. Perhaps you want to turn on a new feature for employees only before you roll it out to partners and end-customers. Or maybe you would like to roll it out to your faculty and staff before enabling it for your students.

For instance, SmartFactor Authentication™, a very popular adaptive MFA product, comprises several features, such as Smart MFA, Smart Access, and Smart Flows. Depending on the configuration, the result of turning each one of these features on may vary depending on different systems, different browsers, and different times of day. Smart Flows, in particular, requires more testing beforehand to make sure admins are comfortable with the different login flows, like the passwordless login flow. The Enterprise Sandbox allows you to test with real users to ensure user adoption and successful implementation.

Conduct full-scale performance testing

IT Admins can also leverage the Enterprise Sandbox to test their system's ability to scale and handle peak loads. This may be in preparation for a drastic move to remote work or an upcoming busy holiday season, for example. With our HydraBoost capability, we can handle 1 million authentication requests per minute, which you can test within your own sandbox to get an idea of how your production environment will respond to a massive influx of login and authentication requests.

Conducting large scale performance testing before deploying in production helps you execute a large volume of authentication requests to measure response times and identify potential bottlenecks for end users.



To learn more about the OneLogin Enterprise Sandbox, visit https://www.onelogin.com/product/sandbox.