

API Fortress for WSO2 API Manager



Challenge

Accelerate time-to-market with high-quality modern APIs while reducing risk and costs.

WSO2 API Manager was built from the ground up to support the integration needs of pre-digital enterprises and digital natives alike. But open-source and proprietary API testing tools have not offered WSO2's same level of flexibility, scalability and ease of use.

Faced with rising API complexity, many WSO2 customers are bringing in a team of testers to support their architects. But the handoff to a siloed team of

testers often leads to API knowledge gaps and breaks in the feedback loop to architects. In turn, this may cause increased technical debt, delivery bottlenecks, and higher risk of releasing bugs.

Solution

API Fortress for WSO2 empowers architects to work in parallel with QA and testing teams throughout the API lifecycle. With continuous API testing, WSO2 customers may significantly shorten test sprints and monitor functional uptime for optimal API resilience, reliability, and ROI.

Partner Solution Overview

API Fortress is an official WSO2 partner for continuous and unified API testing. Our API-first platform integrates seamlessly with legacy and modern toolchains, and offers unmatched flexibility for deployment preferences.



Build High-Quality APIs Faster

- Generate functional tests in seconds from WSO2 payloads or specs
- Build tests in your IDE, our local IDE (**APIF Forge**), or our scriptless drag-and-drop tool, **Visual Composer**
- Empower architects, engineers, developers and data platform leaders to work in parallel with QA and testing teams
- Standardize good testing processes and empower distributed teams with a centralized hub for collaboration and transparency into API health and forensics



Diagnose and Remediate API Bugs Early

- Shift testing left as early as the design stage to enable API-first development
- Get detailed test reports on every aspect of the API, including pass/fail assertions, headers, and functional success
- Use our dashboard, or export report data to Kibana, Tableau, or any preferred data platform



Simplify Integration Testing

- Reuse functional tests as integration (end-to-end) tests
- Reproduce user flows across complex business transactions with many connections
- Ensure test robustness with an open workbench



Configure Deployments for Current and Future Needs

- Deploy locally, in the cloud, or hybrid cloud
- Integrate out-of-box with all major API gateways and any of the platforms or systems in a DevOps, SecOps, or CI/CD toolchain
- Customize API Fortress for specific QA and testing workflows
- Manage access with SAML 2.0-based SSO

The ROI of API Fortress

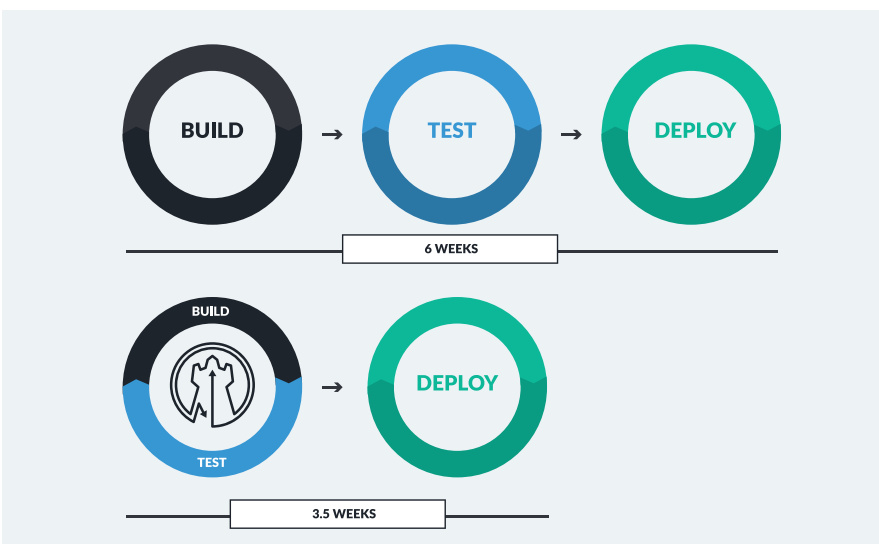
“We noticed a considerable increase in the quality of code released with the help of API Fortress. Their flexible platform makes it easy to integrate API testing into any workflow without disrupting legacy or new tools. We shifted testing left and standardized a single API testing strategy across the whole organization.”

—Sander Rensen, Lead Solution Architect at CapGemini

Accelerate Go-to-Market

Significantly reduce testing bottlenecks and accelerate the diagnosis of API defects (bugs)

- Our customers with a CI/CD pipeline have accelerated average release speeds by up to 40% or more
- Our average customer has a complete test suite created using existing staff in only 2-3 weeks



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