

Selenium Box

On-premises Enterprise Selenium Testing Infrastructure

Selenium Box is a managed Enterprise Selenium Grid infrastructure that runs securely on-premises. **Selenium Box** addresses the limitations and security implications of cloud based services and provides a completely maintenance free, secure and highly scalable cross browser testing environment for sophisticated enterprise customers.

Feature highlights and benefits



Secure / on-premises

Selenium Box is installed on-premises in your network infrastructure or data center. Selenium Box is fully self-contained within your environment and infrastructure. No external access or tunnels required.



Maintenance-free

Selenium Box takes care of all the maintenance required to have always up to date browsers, drivers and compatible Selenium versions.

Element34 pre-tests all new browser releases as well as the compatibility with the browser drivers and Selenium version updates.

Your team can rest assured that you always have working browsers. Focus on testing instead of building and maintaining test infrastructure.



Browser support

We support Chrome, Firefox, Firefox ESR, Internet Explorer, Edge, OSX Safari in the most recent and all previous versions.

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Continuous testing / CI integration

Selenium Box is specifically built for use in a CI / CD environment. It is at the heart of the CI pipeline and you can run as many tests in parallel as you want. Of course it seamlessly integrates with any common CI system.



Enterprise access control and user management

As an enterprise you have a variety of users and projects that will access the Selenium Box infrastructure. Selenium Box gives you fine grain control over who can access what. We fully support identity management systems like LDAP, Atlassian Crowd and OKTA. In addition you can also manage projects and users locally as an administrator.



Run tests from anywhere

Selenium Box is designed to be the central execution environment for your enterprise's desktop browser and mobile tests. Besides the access from the CI system, Selenium Box can also be used directly by developers and testers. This makes it a universal infrastructure for all web and mobile related tests.



Manual browser access and interaction

It is often required to also run tests manually or to retrace certain steps of an automated tests. For this, Selenium Box supports manual access to all browsers.



Reporting & Monitoring

Advanced reporting for system usage, monitoring tools and integrations are available. Screenshots, videos and live debugging capabilities simplify automated testing throughout the entire lifecycle of the application.

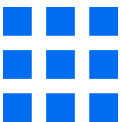
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24 x 7 Enterprise Support

We know how important it is to get instant resolution in case you encounter any issues with your automated testing infrastructure. That's why we provide around the clock support for all global regions.



High Performance scalable system

Selenium Box is built for scale. The system grows with your needs - from an entry solution to a supercharged central CI / CD continuous testing infrastructure for sophisticated enterprises.



Videos, live debugging & real-time testing

Selenium Box also provides superior debugging and live testing capabilities. You can record videos of each tests as well as debug your test in real time while your test is running.



Local testing

Test your application directly on your developer machine. No tunnels etc. are required because Selenium Box is already running in your company infrastructure.



Browser developer tools

We support developer tools (i.e. JS console, DOM inspection, network monitor) for each browser. Deep dive into your test while running the developer tools to pinpoint those complex issues.



Framework agnostic

With Selenium Box you are not tied to a specific vendor framework or toolset. Selenium Box supports the standard Selenium and Appium protocol and API. As long as you are "speaking" Selenium or Appium, you can run any test from any source on Selenium Box.

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Professional Services & Custom features

We understand that as an enterprise customer you have complex and unique environments and setups. That's why we support you all along the way with professional services and custom feature implementations when you need them.



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