

# Offensive Security Services

**Atlassian**

**Bitbucket Cloud Letter of Assessment**

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To whom it may concern

## Letter of Assessment

Tesseract was engaged by Atlassian to conduct a comprehensive security assessment of the Bitbucket Cloud application. The assessment was performed by one security consultant over 40 days during January to March 2025. Testing was conducted against the most recent version of Bitbucket Cloud as of January 6<sup>th</sup> 2025.

Tesseract conducted code-assisted (white-box) dynamic web application penetration testing on the Bitbucket Cloud & Pipelines applications and associated infrastructure. Tesseract was provided access to the relevant repositories, development guides, and maintained regular communication with the Atlassian security team and developers throughout the engagement to ask questions, validate hypothesis, report identified issues, and better understand security impact.

Tesseract had access to all source code repositories for the application and communicated regularly with Bitbucket Cloud & Pipelines engineers to assist in understanding the application and its code. The testing was performed by reviewing the application source, running a version of the application locally and debugging during runtime, and by dynamically analysing and tampering with web traffic in an interception proxy, both manually and using automated tools.

Tesseract helps companies take responsibility for securing their systems and networks in a time when technology moves faster than even the most vigilant businesses can keep pace with. Companies are ultimately responsible for protecting their own data and the personal information of customers, and mismanagement of this critical area can have a crippling impact on business.

Our team have been involved in the delivery of a wide range of security services, including penetration testing, red team engagements and attack simulations. What really differentiates us though is our extensive background in software engineering, the production of large and complex systems, and the maintenance and support of systems after deployment. Our offensive security work leverages this background knowledge to gain deep insights into the architecture and intricacies of systems, and how an attacker might exploit them. In short, we can see things from the perspective of both the builder and the breaker.

Sincerely,



**Silas Barnes**

Senior Partner – Offensive Security Services  
Tesseract Cyber Solutions by Thales