



The to-be architecture follows a serverless approach, hosted on AWS (a cloud-hosted solution) which creates further scalability, efficiency in development, and promotes further innovation.

AWS Lambda (<https://aws.amazon.com/lambda/>) will be configured to fetch and send data from different external API endpoints.

A Cloudflare and AWS Web Application Firewall (<https://aws.amazon.com/waf/>) will be deployed as an additional security layer to control bot traffic and block common attack patterns such as SQL injection or cross-site scripting (XSS).

Cloud Watch (<https://aws.amazon.com/cloudwatch/>) will allow us to observe and monitor resources which will help in the identification of application issues and offering proactive scalability and support.