

API Security Testing Report – Task 13

Objective

To test APIs for authentication, authorization, input validation, and rate limiting issues.

Tools Used

Postman, cURL

Methodology

APIs were tested by sending authenticated and unauthenticated requests, modifying resource identifiers, sending malformed inputs, and performing rapid requests to test rate limiting.

Identified Issues

Broken authorization, missing rate limiting, and authentication validation issues were identified.

OWASP API Mapping

API1: Broken Object Level Authorization, API2: Broken Authentication, API4: Lack of Resources & Rate Limiting

Conclusion

The task helped in understanding practical API security testing and identifying common vulnerabilities.