

Test Environments

The testing will be conducted in the following environments with varying configurations to ensure comprehensive coverage:

Operating Systems

- Windows 10 and 11
- macOS
- Linux (Ubuntu 20.04 LTS)

Browsers and Versions

- Google Chrome (latest stable version)
- Mozilla Firefox (latest stable version)
- Apple Safari (latest stable version)
- Microsoft Edge (latest stable version)

Device Types and Screen Sizes

- Desktop Computers (various screen sizes)
- Laptops (various screen sizes)
- ~~• Tablets (iOS and Android)~~
- ~~• Smartphones (iOS and Android)~~

Network Connectivity and Bandwidth

- High-Speed Broadband
- 4G and 5G Mobile Networks
- Simulated Low-Bandwidth (for performance testing)
- WPA2-Personal
- IPv4 and IPv6
- IP settings: DHCP

Security Protocols and Authentication Methods

- HTTPS with TLS 1.2 and 1.3
- Proxy: None
- Random MAC address