

Network and Firewall Configuration

Requirements for Writeiq and Allocateiq

This document provides the network configuration requirements for school IT teams to ensure Writeiq and Allocateiq function correctly behind school firewalls and content filters.

Required Domains

The following domains must be accessible (HTTPS, port 443) from devices used to access Writeiq:

Domain	Purpose	Required For
edsthetic.com.au	Main website and application hosting	All users
www.edsthetic.com.au	Main website (www redirect)	All users
writeiq.com.au	Writeiq product domain (redirects to app)	All users
www.writeiq.com.au	Writeiq www redirect	All users
*.supabase.co	Database, authentication, edge functions	All users
fonts.googleapis.com	Web fonts (DM Sans)	All users
fonts.gstatic.com	Web font files	All users
cdn.jsdelivr.net	QR code library	Teacher dashboard
api.anthropic.com	Marking API (server-side calls only)	Automated (no user action)

Protocol and Ports

- All traffic uses HTTPS (TLS 1.2+) on port 443.
- No non-standard ports are required.
- WebSocket connections (wss://) to *.supabase.co are used for real-time data synchronisation.

Content Filter Categories

If using a web content filter (e.g., Lightspeed, Securly, Linewize), ensure the following categories are not blocked for edsthetic.com.au:

- Education / Educational Technology
- Business / Enterprise Applications

Bandwidth Requirements

Writeiq is a lightweight web application. Typical usage:

- Initial page load: approximately 1.5 MB (cached on subsequent visits)
- Student submission: approximately 5-50 KB per request
- Marking response: approximately 15-30 KB per request
- Vision (scan) upload: approximately 500 KB-2 MB per image (compressed client-side)

A school of 600 students completing a writing task simultaneously would generate approximately 30 MB of total network traffic over a 45-minute session. This is negligible on any modern school network.

Device Requirements

Platform	Minimum Requirement
Chromebook	Chrome 90+ (ChromeOS 90+)
Windows	Chrome 90+, Edge 90+, Firefox 90+ (Windows 10+)
macOS	Chrome 90+, Safari 15+, Firefox 90+ (macOS 11+)
iPad / iOS	Safari 15+ (iOS 15+)
Android tablet	Chrome 90+

No software installation is required. Writeiq runs entirely in the web browser. No browser extensions, plugins, or downloads are needed.

Support

If you experience connectivity issues after whitelisting, contact hello@edsthetic.com.au with your school name and a description of the error. Screenshots of any browser console errors are helpful.