

Instructor Devices

The LanSchool Air instructor interface is web-based and only requires a supported web browser. We recommend instructors and admins use the *latest* version of one of the following browsers:

- Google Chrome
- Microsoft Edge
- Mozilla Firefox


Student Devices

In order to monitor and manage student devices, LanSchool Air requires that an agent and browser extension be installed on student devices. The following device operating systems are supported:

- Chromebooks managed by Google Workspace
- Windows devices running Windows 10 or 11
- Mac devices running 11 (Big Sur), 12 (Monterey), or 13 (Ventura)

For complete deployment instructions, see the [LanSchool Air Setup Guide](#).

Language Support

LanSchool Air instructors and admins can select their preferred language by selecting the  icon in the toolbar. Selecting a new language will immediately update the language settings for that user. Any future email notification such as account activation or password reset requests will be set to use this preferred language as well. The agent installed on student devices will use the language of the operating system.

LanSchool Air includes translations for the following languages:

- English
- German
- Spanish
- Brazilian Portuguese
- Italian
- French
- Japanese
- Korean
- Indonesian

Network and Firewall Settings

Bandwidth Recommendations

When monitoring student screens with LanSchool Air, screenshots are sent to the teacher every few seconds. Depending on the size of the thumbnails the teacher is requesting, peak bandwidth usage could reach between 16-32 kbps per student device.

For the best experience, we recommend a teacher have at least a 0.5 Mbps internet connection speed for viewing a class of 30 student devices. If thumbnail images seem to load too slowly, consider switching to [Class List View](#).

Firewall / Proxy Exceptions

In order for students and instructors to reliably access LanSchool Services, ensure that the following websites are allowed through your network firewall, security appliance, [proxy](#), or content filter. All traffic is sent over TCP ports 80 or 443. All communication is secured using TLS.

Site Addresses (AMERICAS Region)
lanschoolair.lenovosoftware.com
lsair.app
api-lsa.lenovosoftware.com
socket*.api-lsa.lenovosoftware.com

Site Addresses (EMEA Region)
lanschoolair-emea.lenovosoftware.com
emea.lsair.app
api-lsa-emea.lenovosoftware.com
socket*.api-lsa-emea.lenovosoftware.com

Site Addresses (APAC Region)
lanschoolair-apac.lenovosoftware.com
apac.lsair.app
api-lsa-apac.lenovosoftware.com
socket*.api-lsa-apac.lenovosoftware.com

Additional Exceptions (Optional)
*.lenovosoftware.com
*.amazonaws.com
*.googleapis.com
.typekit.net
*.gstatic.com
*unpkg.com
*.googleusercontent.com
*.liveevent.lenovosoftware.com (TCP 5060)
*.statuspage.io

canny.io
*.pendo.io

Screen Share Requirements

Site Addresses / IP Ranges
*.liveevent.lenovosoftware.com
34.203.254.0 - 34.203.254.255
54.172.60.0 - 54.172.61.255
34.203.250.0 - 34.203.251.255
34.216.110.128 - 34.216.110.159
54.244.51.0 - 54.244.51.255

Ports
TCP 443, 3478
UDP 443, 3478
TCP 5349
TCP 20,000 - 40,000
UDP 10,000 - 60,000