



USING CORPORATE COMPUTERS FOR ONLINE PROCTORING

The purpose of this information is to serve as an aid in preparing computers to be used to take an FP Canada certification exam with Yardstick and ProctorU. While we recommend testing with personal computers, we understand this might not always be an option and this resource will be particularly relevant for test takers utilizing a work/corporate computer where stringent security settings and/or firewalls may be in place. It is highly recommended that test takers in this category provide this resource to their corporate IT department well ahead of their scheduled exam so that any necessary adjustments can be made to their computer to ensure compliance with these requirements.

Program Types to Disable

The following program types should be disabled on computers to be used for online proctoring:

- virtual machines
- remote desktops
- conference/messaging programs
- screenshot or capture programs
- development environments.

Virtual Private Networks (VPNs) are permissible.

Guardian Secure Browser

- All exams with Meazure Learning starting in 2023 will be completed within the Guardian Secure Browser.
- Candidates will need to be able to download and open their assessment within this browser to complete testing.
- Links to download for each operating system can be found here:
<https://guardian.meazurelearning.com/>

Allow Downloading From:

- <https://production-archimedes-secure-browser-artifacts.s3.amazonaws.com/latest/windows/guardian-browser-x64.exe>
- <https://production-archimedes-secure-browser-artifacts.s3.amazonaws.com/latest/mac-x64/guardian-browser-x64.dmg>
- <https://production-archimedes-secure-browser-artifacts.s3.amazonaws.com/latest/mac-arm64/guardian-browser-arm64.dmg>

Operating Systems

Unlicensed/inactive versions of Windows and Test Builds/Modes are not supported and will result in the termination of the exam session.

Port/Protocol Specifications

These outbound protocols and ports are necessary for candidates to access the full spectrum of ProctorU services and components.

- This includes ProctorU's Live/Classic and Live+ products.
- For more technical users and security administrators, these requests will be originating from the client computer accessing ProctorU systems so the Source will be your internal network/LAN. The Destination will be a ProctorU system or a component. Since these systems are cloud-based and their IP may change, ProctorU strongly recommends opening these ports to all Destinations.

Port	Protocol	Reason
80	TCP	Unsecured web/HTTP traffic
443	TCP	Secured web/HTTPS traffic
843	TCP	Flash video
1935	TCP	Streaming video component
3478	TCP/UDP	Streaming video component
5671	TCP	Streaming video component
49152-65535	UDP	ProctorU browser plugin

Whitelisting and Firewall Configuration for LogMeIn Products

LogMeIn Rescue Domains to be Whitelisted

- *.LogMeIn123.com
- *.123rescue.com
- *.support.me
- *.logmeinrescue.com
- *.logmeinrescue.eu
- *.logmein-gateway.com
- *.logmeinrescue-enterprise.com (Powers account-specific Rescue features, not required for standard accounts)

Additional Whitelist Requirements - Executables (for Browsers and Firewalls):

OS X

- LMIGUIAgent
- LogMeInGUI.app
- Rescue
- LogMeIn Menubar
- Support-LogMeInRescue
- LogMeInRescue
- Guardian Browser

PC

- Support-LogMeInRescue.exe
- Support-LogMeInRescue(1).exe
- Support-LogMeInRescue(2).exe
- Support-LogMeInRescue(3).exe
- Support-LogMeInRescue(4).exe
- Support-LogMeInRescue(5).exe
- Support-LogMeInRescue(6).exe
- Support-LogMeInRescue(7).exe
- Support-LogMeInRescue(8).exe
- Support-LogMeInRescue(9).exe
- Support-LogMeInRescue(10).exe
- Support-LogMeInRescue[2].exe
- Support-LogMeInRescue[3].exe
- Support-LogMeInRescue[4].exe
- Support-LogMeInRescue[5].exe
- Support-LogMeInRescue[6].exe
- Support-LogMeInRescue[7].exe
- Support-LogMeInRescue[8].exe
- Support-LogMeInRescue[9].exe
- Support-LogMeInRescue[10].exe
- Support-LogMeInRescue[11].exe
- lmi_rescue.exe
- LMI_Rescue_srv.exe
- LMIRescue.pkg
- lmi_rescue.exe
- Guardian Browser.exe

Further information can be found here:

<https://support.logmeininc.com/lastpass/help/whitelisting-and-firewall-configuration-for-logmein-products>

Corporate IT administrators may contact the ProctorU Account Services Team with questions pertaining to computer setup for online proctoring: accountservices@proctoru.com