

# MuleSoft Certification and Meazure Learning

## Client Port/Protocol and Allow List Information

The MuleSoft Certification program uses the Meazure Learning ProctorU proctoring service to administer online certification exams. While we recommend that exam-takers use a personal computer to take their exam, it is not always possible. For exam-takers that use their corporate laptop and do not have administrator access, we recommend that they work with their IT department to open specific ports and protocols.

### Guardian Secure Browser

- All MuleSoft exams with Meazure Learning starting after April 28, 2023 11am UTC will be completed within the Guardian Secure Browser running under a Windows or Mac operating system.
- Candidates will need to download and install the Guardian Secure Browser on their device.
- Links to download the Guardian Secure Browser for each operating system can be found here: <https://guardian.meazurelearning.com>

### Port/Protocol Specifications

- Below is a list of outbound protocols and ports necessary for our clients to access the entire spectrum of MuleSoft - Meazure Learning services and components.
- For more technical users and security administrators, these requests will be originating from the client computer accessing Meazure Learning systems so the Source will be your internal network/LAN. The Destination will be a Meazure Learning system or a component. Since these systems are cloud-based and their IP may change, MuleSoft and Meazure Learning strongly recommend opening these ports to all Destinations.

Port	Protocol	Reason
80	TCP	Unsecured web / HTTP traffic
443	TCP	Secured web / HTTP 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

## Allow List and Firewall Configuration for LogMeIn Products

LogMeIn Rescue Domains to be allowed:

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

### Additional Allow List Requirements

#### - Executables for Browsers and Firewalls

##### MacOS

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

##### Windows OS

- 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