

Getting Started

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What's needed before you get started

Welcome to the Mosyle Education Certification! Before getting started it's recommended that you have access to the following items so you can apply the skills and knowledge while learning to ensure full understanding.

- Trial instance of Mosyle Education. If you do not have a trial account just yet, you can request one here: <https://myschool.mosyle.com/signup/>
- Mac running the latest macOS version available (recommended)
- iPhone or iPad running the latest iOS/iPadOS version available (recommended)

Throughout the Mosyle Education Certification we'll be walking through a number of settings that can be managed using Mosyle MDM and how they are configured. It is recommended to have access to your Mosyle Education account, and test devices available to apply various configurations to the devices, which may include erasing the device. Please be sure the devices used while completing the certification are test devices that won't be impacted if they are erased.

Network Requirements

In order for devices to successfully communicate with Mosyle and Apple, the following domains and ports will need to be released. Mosyle utilizes dynamic load balancing, therefore we do not have a specific IP range as servers can be added or removed at any time. It's recommended to release the Mosyle wildcard in the network to ensure all Mosyle domains and subdomains are allowed.

Required Mosyle domains:

- *.mosyle.com
- *.mosyle.io

Required domains for the Mosyle CDN:

- macosagent.azureedge.net
- mosylemanagerweb.blob.core.windows.net
- macosagents.blob.core.windows.net

Required Ports:

Service Name	Port	Protocol
Web Service (http)	80	TCP
Web Service (https)	443	TCP
Push Notification	2195, 2196, and 2197	TCP
Mosyle macOS Agent Push Notification	3000	TCP
MDM Enroll	1640	TCP
APNs	5223	TCP
Internet Control (Web Filter)	3180	TCP
Apple Classroom	3284 and 3285	TCP/UDP

Required Apple domains:

Be sure to release the entire IP range for Apple: 17.0.0.0/8, as well as all ports used by Apple software products which can be found here: <https://support.apple.com/en-us/HT202944>

It's also recommend to release all hosts and ports used for Apple products on Enterprise networks, which can be found here: <https://support.apple.com/en-us/HT210060>

Hardware and Software Requirements

To ensure the best experience, it's recommended to keep devices updated to the latest OS version as some features have specific operating system requirements.

However, the following devices can be enrolled in Mosyle:

- iPhone and iPod touch with iOS 5 or later
- iPad with iOS 5 or later or iPadOS 13.1 or later
- Mac computers with OS X 10.7 or later
- Apple TV with tvOS 9 or later

NOTE: The Mosyle Education macOS agent is officially tested and supported on the two latest versions of macOS. It can be installed on macOS versions prior to this, however, the functionality of the agent on macOS versions earlier than the previous two is unknown.