

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>