

# Installing Configuration Manager Client on Mac OS Catalina

In this post, I will show you how to install Configuration Manager Client on Mac machines. This can be installed on 64bit Mac OS Catalina. There is no more 32bit Mac OS.

Before you can deploy Mac Client – Please check and complete these which includes certificates and few system roles and configuration.

<https://docs.microsoft.com/en-us/configmgr/core/clients/deploy/deploy-clients-to-macs>









## Certificates:

Web Server Cert for MP DP

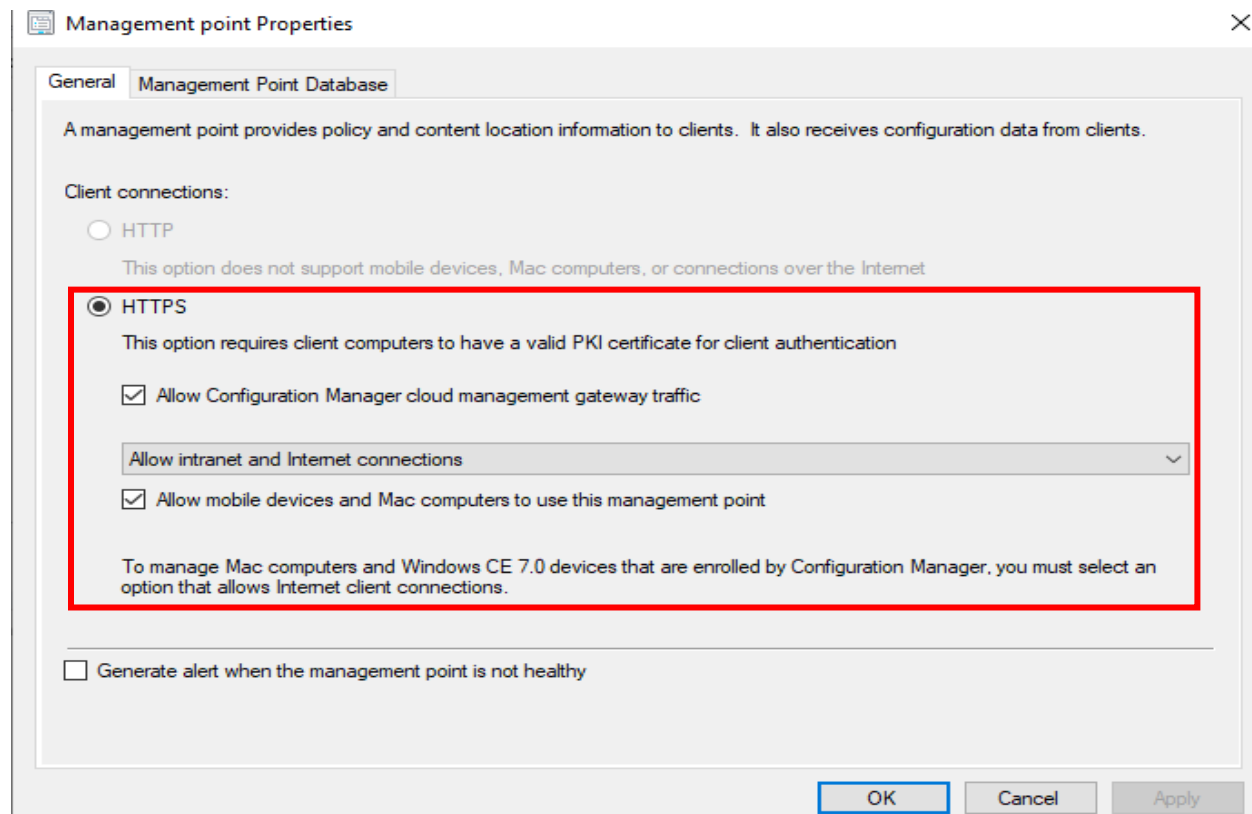
Client Authentication Cert for MP DP

Client Cert Template for Macs

Here is the screen shot from my CA for above

	ConfigMgr Mac Client Certificate			Client Authentication
	SCCM Client Distribution Point Certificate			Client Authentication
	SCCM Client Certificate			Client Authentication
	SCCM Web Server Certificate			Server Authentication
	SCCM Client Certificate	2	100.1	Client Authentication
	SCCM Client Distribution Point Certificate	2	100.1	Client Authentication
	SCCM Web Server Certificate	2	100.2	Server Authentication
	ConfigMgr Mac Client Certificate	2	100.2	Client Authentication

## MP & DP Settings:



The image shows the 'Management point Properties' dialog box with the 'Management Point Database' tab selected. The 'Client connections' section has 'HTTPS' selected. A red rectangle highlights the 'HTTPS' section, including the description, the 'Allow Configuration Manager cloud management gateway traffic' checkbox (which is checked), the 'Allow intranet and Internet connections' dropdown menu (set to 'Allow intranet and Internet connections'), and the 'Allow mobile devices and Mac computers to use this management point' checkbox (which is checked). Below this, there is a checkbox for 'Generate alert when the management point is not healthy' which is unchecked. At the bottom right are 'OK', 'Cancel', and 'Apply' buttons.

Management point Properties

General Management Point Database

A management point provides policy and content location information to clients. It also receives configuration data from clients.

Client connections:

☐ HTTP

This option does not support mobile devices, Mac computers, or connections over the Internet

☒ HTTPS

This option requires client computers to have a valid PKI certificate for client authentication

☒ Allow Configuration Manager cloud management gateway traffic

Allow intranet and Internet connections

☒ Allow mobile devices and Mac computers to use this management point

To manage Mac computers and Windows CE 7.0 devices that are enrolled by Configuration Manager, you must select an option that allows Internet client connections.

☐ Generate alert when the management point is not healthy

OK Cancel Apply

**Distribution point Properties**

General Communication PXE Multicast Group Relationships Content Content Validation Boundary Groups

Specify how client computers or mobile devices communicate with this distribution point.

☐ HTTP Does not support mobile devices or Mac computers.

☐ Allow clients to connect anonymously

☒ HTTPS Requires computers to have a valid PKI client certificate.

Allow intranet-only connections

If you manage Mac computers or have mobile devices that are enrolled by Configuration Manager, select an option that allows Internet client connections.

☒ Allow mobile devices to connect to this distribution point

Create a self-signed certificate or import a PKI client certificate.

☐ Create self-signed certificate

Set expiration date: 19-Feb-2119 4:09 PM

☒ Import certificate

Certificate: C:\Temp\DP Cert.pfx Browse...

Password:

OK Cancel Apply

## Client Settings:

**User Settings**

Allow users to enroll mobile devices and Mac computers Yes

Enrollment profile MBP Set Profile ...

**Edit Enrollment Profile**

Specify the settings to create a new enrollment profile for mobile devices or Mac computers.

Name: MBP

Description:

Select a management site that contains a management point that is enabled for mobile devices and Mac computers.

Management site code: TOR

**Certification Configuration**

Issuing certification authorities:

Server	Certification Authority
DC.RAMLAN.CA	RAMLAN-DC-CA


Add ... Remove

Certificate template for mobile device or Mac computer: ConfigMgr Mac Client Certificate

OK Cancel

## Enrollment Point and Enrollment Proxy Point:

Install above system roles – accept all default settings

 Enrollment point Properties



**General**

An enrollment point uses PKI certificates to complete enrollment for mobile devices and Mac computers.

Website name:  Port number:

Virtual application name:

Allowed connections (This option is automatically configured and is displayed for information only):

☐ HTTP


☒ HTTPS

Enrollment Point Connection Account

Enrollment Point Connection Account connects the enrollment point to the Configuration Manager database

☒ Use the computer account of the enrollment point

☐ Specify the account that connects the enrollment point to the Configuration Manager database

 Enrollment proxy point Properties



**General**

An enrollment proxy point manages enrollment requests from mobile devices and Mac computers so that they can be managed by Configuration Manager.

Enrollment point:

Website name:

Port number:

Virtual application name:

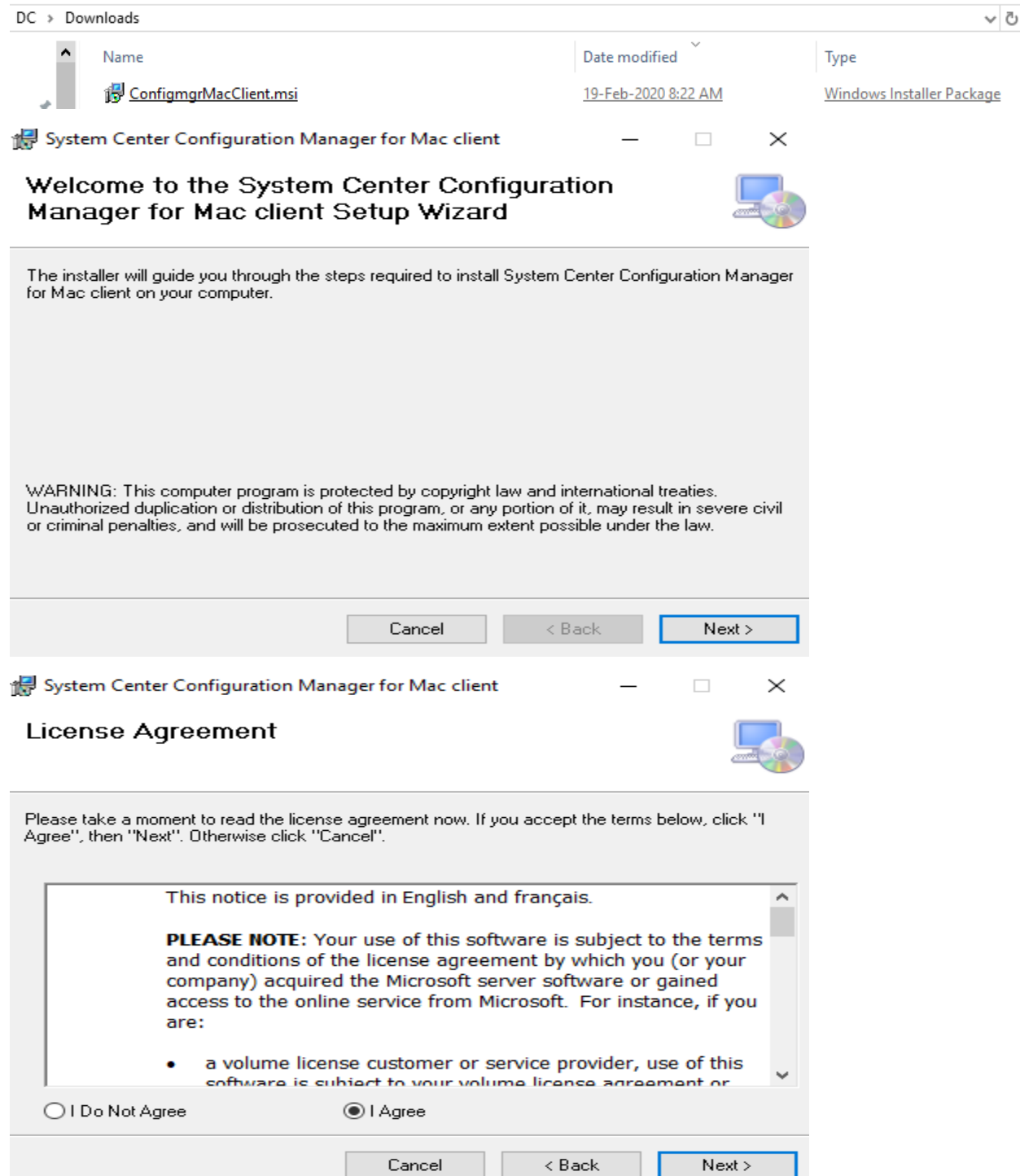
Client connections (This option is automatically configured and is displayed for information only):

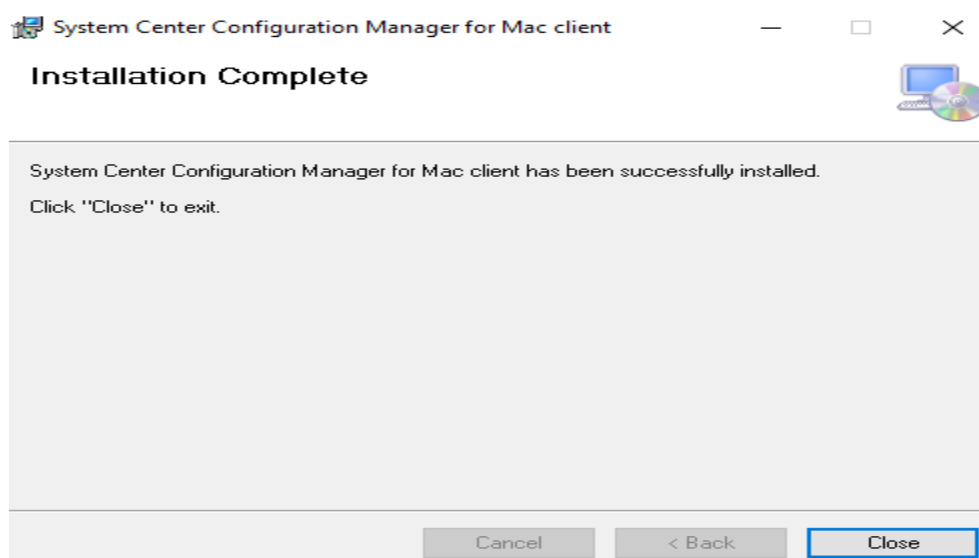
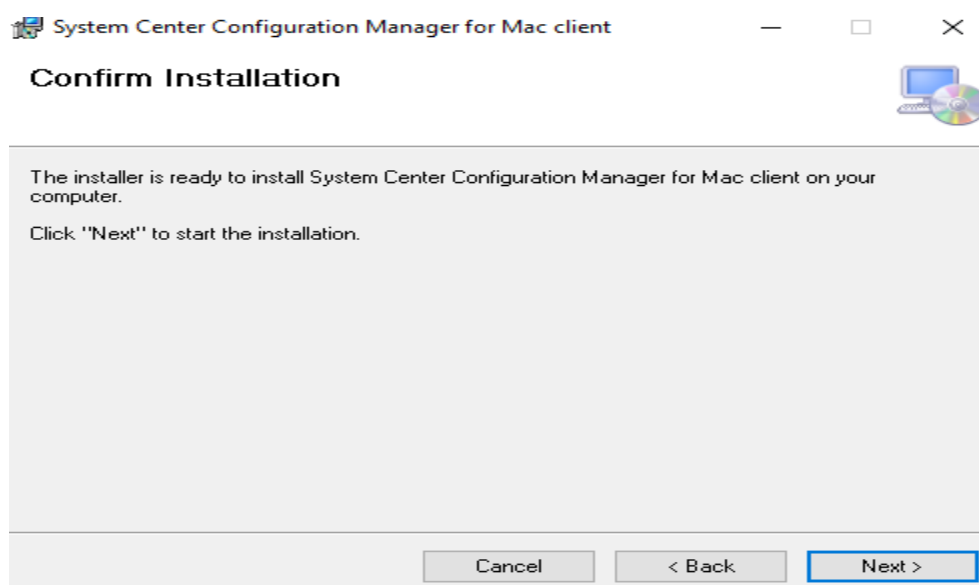
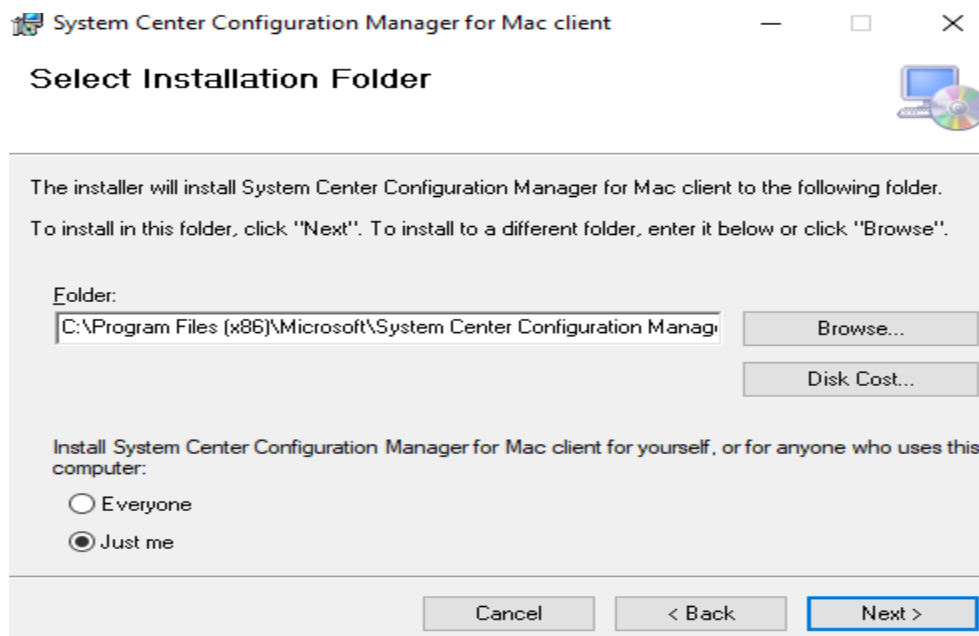
☐ HTTP

☒ HTTPS

Download the client file from below link and Install it on Windows OS Machine. After the install we will be able to get .dmg file. For this example, I will install on Domain Controller running Server 2019.

<https://www.microsoft.com/en-us/download/details.aspx?id=100850>

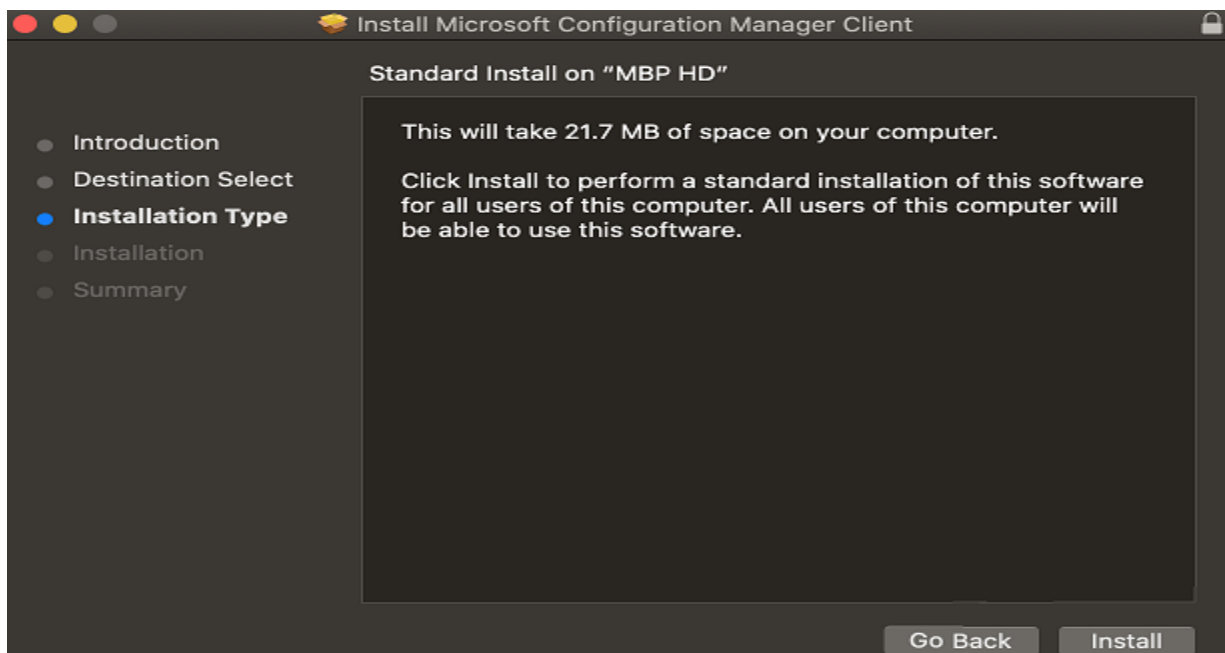
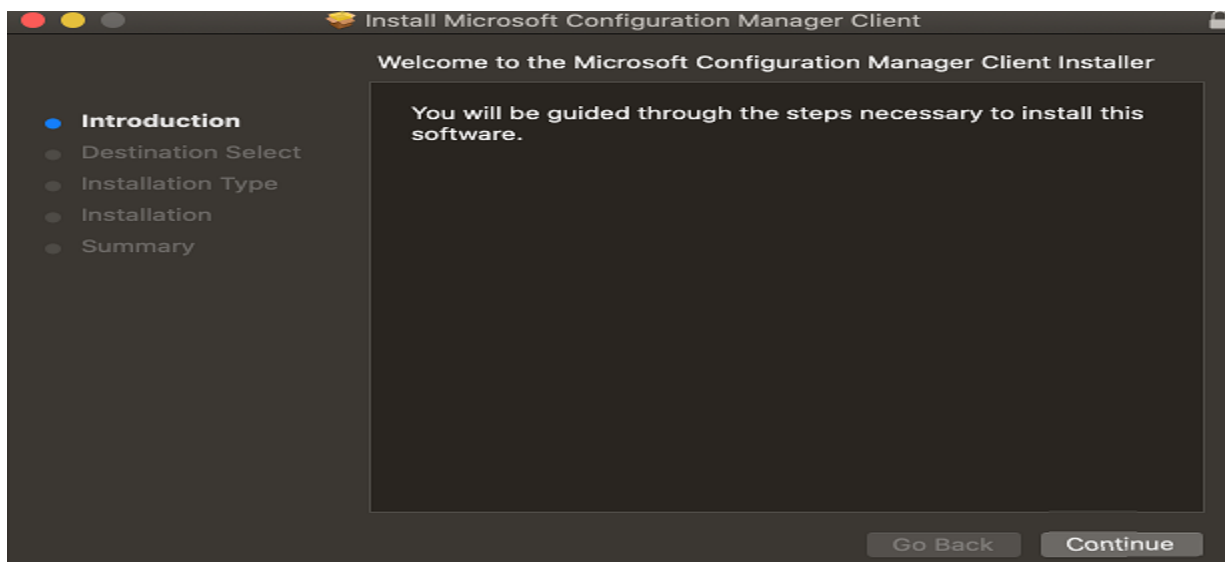


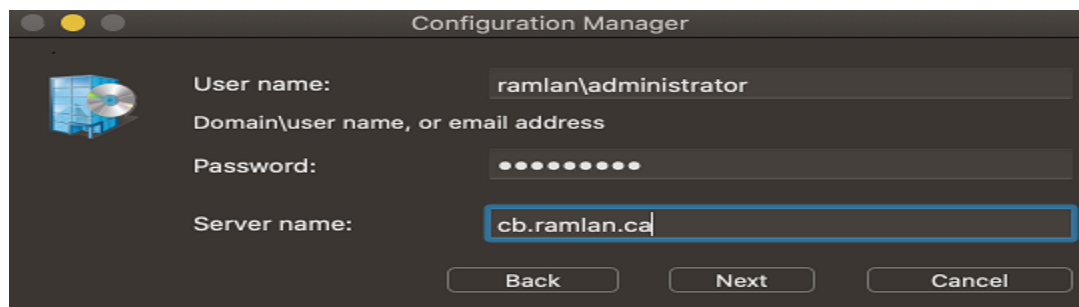
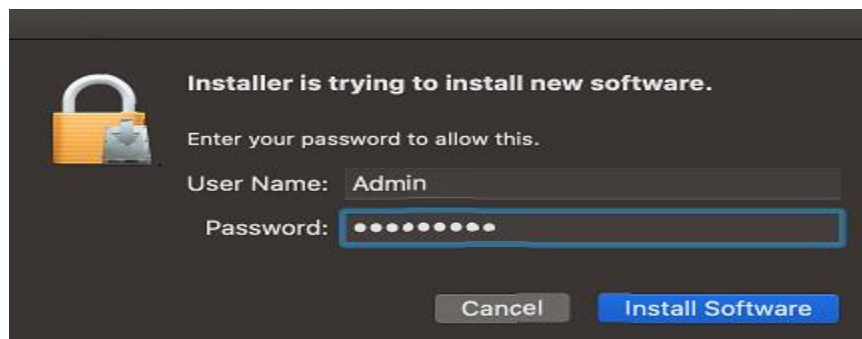
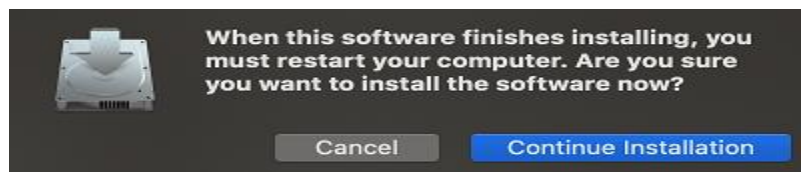


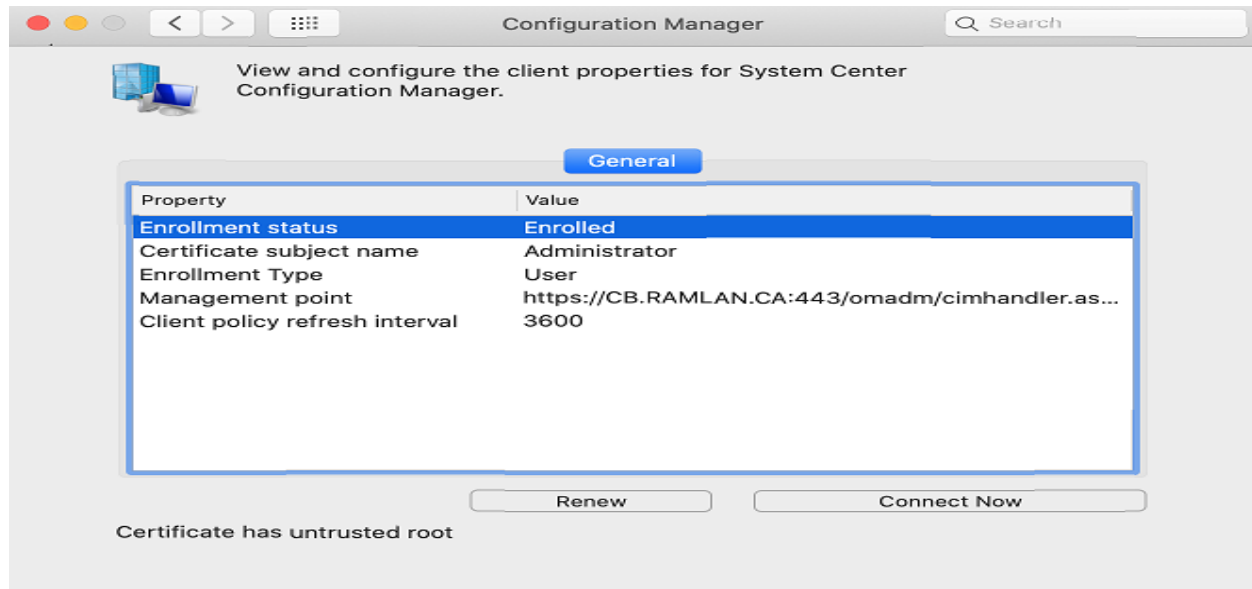
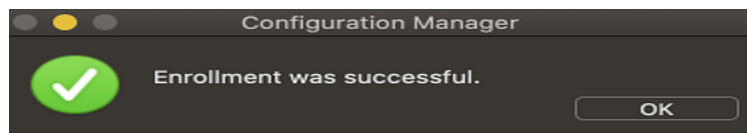
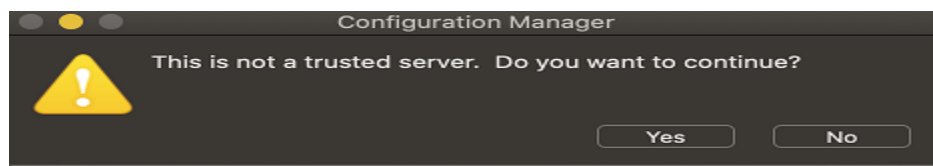
Now go to this location to get .dmg file

DC > OS (C:) > Program Files (x86) > Microsoft				
Name				
System Center Configuration Manager for Mac client				
Name	Date modified	Type	Size	
macclient.dmg	31-Oct-2019 4:36 ...	DMG File	8,542 KB	

Copy above file to Mac OS Catalina machine and install the client.







Now we have completed installing the config client on Mac machine.

Thanks

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19<sup>th</sup> Feb 2020